

Chief, Environmental Enforcement Section Environmental and Natural Resources Division

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December 22, 2011

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

Jeff Cummins, Acting Director Division of Enforcement Department of Environmental Protection 300 Fair Oaks Lane Frankfort, KY 40601

Subject:

July 1, 2010 through June 30, 2011 Civil Action No. 3:08-cv-00608-CRS DOJ Case No. 90-5-1-1-08254

Annual Report

Attention Chief:

Please find attached our Annual Report, prepared in accordance with Paragraph 30 of our Amended Consent Decree. This report is for the period July 1, 2010 through June 30, 2011.

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,

W. Brian Bingham

Regulatory Services Director

FY11 AR transmittal letter.doc

cc:

Greg Heitzman

Paula Purifoy

Laurence J. Zielke



# Louisville and Jefferson County Wet Weather Consent Decree Annual Report



# **Reporting Period:**

July 1, 2010 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:**

December 31, 2011



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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 sixth Annual Report submitted in accordance with Paragraph 30 of the Amended Consent Decree. This report covers the time period from July 1, 2010, through June 30, 2011. **The structure for this report is outlined as follows:** 

**Section 1: Program Activities for Nine Minimum Controls -** This section describes the scope, schedule and status for projects and other activities that were active during the reporting period **July 1, 2010, through June 30, 2011**, and the anticipated projects and activities that are scheduled to be performed during the next reporting period (July 1, 2011, through June 30, 2012) for continued compliance with the Amended Consent Decree.

**Section 2: Program Activities for Sewer Overflow Response Protocol -** This section describes the scope, schedule and status for activities that were active during the reporting period **July 1, 2010, through June 30, 2011**, and the anticipated activities that are scheduled to be performed during the next reporting period (July 1, 2011, through June 30, 2012) for continued compliance with the Amended Consent Decree.

**Section 3: Program Activities for Discharge Abatement Plans** - This section describes the scope, schedule and status for projects and other activities that were active during the reporting period **July 1, 2010, through June 30, 2011**, and the anticipated projects and activities that are scheduled to be performed during the next reporting period (July 1, 2011, through June 30, 2012) for continued compliance with the Amended Consent Decree.

Section 4: Public Outreach, Education, Notification and Participation - This section describes the activities related to public outreach, education, notification and participation that were active during the reporting period July 1, 2010, through June 30, 2011, and the anticipated activities that are scheduled to be performed during the next reporting period (July 1, 2011, through June 30, 2012) for continued compliance with the Amended Consent Decree.

Section 5: Capacity Management Operations and Maintenance and Program Activities for Water Quality Treatment Centers - The program activities performed during the reporting period July 1, 2010, through June 30, 2011, and activities planned for the next reporting period (July 1, 2011, through June 30, 2012) are included in this section for continued compliance with the Amended Consent Decree.

Section 6: Project WIN Performance Overview - This section provides an accounting of the number of overflow occurrences, including unauthorized discharges, from the separate sanitary sewer and combined sewer system and the estimated volumes of each. A discussion of the probable reductions, in both unauthorized discharge points and the discharges from MSD's 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.

Section 7: Supplemental Environmental Projects (SEPs) Annual Report - The program activities performed during the reporting period (July 1, 2010, through June 30, 2011) and activities planned for the next reporting period (July 1, 2011, through June 30, 2012) are included in this section.



# **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 <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>. Highlights of the NMC program implementation during FY11 are outlined below.

# 1.2 NMC 1: Proper Operation and Maintenance Programs

# FY11 Program

### Program Metrics

- Inspected and cleaned 27,041 catch basins within the combined sewer system (CSS) during FY11.
- Continued to conduct inspections of the catch basin leads within the combined sewer system and other key areas. These inspections involve testing each basin by filling it with water and ensuring it drains properly. During FY11, 6339 catch basins were inspected.
- Continued to inspect, maintain and properly operate the CSS pump stations and the Morris Forman WQTC.
- Performed 5386 weekly inspections on CSOs, 1092 creek inspections, and initiated 380 work orders for debris removal and/or repairs as determined to be necessary to allow proper system operation during FY11.
- Flushed 538 sewer line segments in the CSS, ranging in size from 6 inches to 15 inches, and performed formula TV inspection on 63,849 feet (12 miles) lines, as part of the gravity sewer preventive maintenance program in the CSS, during FY11.
- Chemically treated 218,049 feet of sanitary sewer for roots.



# Achieved the following program metrics:

Target	Result
95% of CSOs inspected weekly.	100% Compliance - 103 CSOs were inspected weekly.
95% of flap gates inspected weekly.	100% Compliance – 14 flap gates on CSOs were inspected weekly.
95% of siphons inspected monthly.	100% Compliance - 10 siphons are inspected weekly and 9 additional siphons are inspected monthly.
95% of Debris or Repair Work Orders on CSO assets created the next work day after the inspection of the asset and open for no more than 5 days.	100% Compliance - There were 375 DEBRIS work orders and 5 CSOMOD work order created in FY11.
95% of the catch basins within the CSSA cleaned every 15 months.	100% Compliance - Currently MSD performs on a 12 month cycle.

# **Annual Training**

 Administered annual CSO training on June 30, 2011, to CSO Inspection Personnel, Dispatchers, and Engineering Staff. Annual CSO training was revised to include modules on pump stations in the combined system, and included a confined space entry of a sewer. Twenty-six staff members attended the two training sessions.

# Annual Asset Review and Documentation

- Completed closure activities for CSO192 on December 5, 2010, at the intersection of 6th Street and Garland Avenue near Downtown Louisville. This CSO contributed overflow to the Central Relief Drain.
- Added additional rack bars at CSO153 to better protect the siphon downstream of the low flow pipe at this location. As well as practically rebuilding the CSO 153 and the Siphon Manholes for better and safer access.
- Updated CSO Schematic maps, drawing and fact sheets to show modifications and closures.
- Continued several projects to create improved access to selected CSO sites to facilitate cleaning activities. Construction was completed on July 22, 2010, for the access road on Castlevale Road for CSO097. New access hatch to CSO097 was installed on





- November 11, 2010. Construction was completed on July 9, 2010, for the access project for the CSO130 outfall pipe. Construction was completed on October 5, 2010, for a green access road to CSO151 on Castlewood Dell.
- Completed a field investigation of CSO outfalls, diversions, and solids and floatables devices on October 1, 2010. The intent of the field investigation was to confirm the performance of the system, and to identify needs for operation and maintenance enhancement.
- Started construction to eliminate the Grantswood Court Siphon 17 by redirecting the flow
  to a parallel system. Because of the configuration of siphons, obstructions, and
  consequently, overflows are more likely to occur. This project will reduce the probability
  of an unauthorized discharge at this location. Construction to be completed prior to June
  30, 2012.
- Continuing to reviewed catch basin areas against the CSS area and explored realignment to confirm that regulatory commitments of cleaning on a 15 month cycle in the CSS are being achieved.

#### CSSA

Provided details on the CSSA activities for FY11 in Appendix I: CSSA Annual Report.

#### FY12 Program

#### **Program Metrics**

- Continue cleaning and inspection programs.
- Continue to report on the following program goals:
  - 95% of CSOs Inspected/Week.
  - 95% of flap gates inspected weekly.
  - 95% of siphons inspected monthly.
  - 95% of Debris or Repair Work Orders on CSO assets created the next work day after the inspection of the asset and open for no more than 5 days.
  - 95% catch basins within the CSS cleaned every 15 months.

# **Annual Training**

- Incorporate the results of the annual field investigation to adjust and enhance the annual CSO Field training modules.
- Schedule and conduct the annual CSO field training with I&FP and Morris Forman WQTC personnel.

#### Asset Review and Documentation

- Continue implementation of field verification effort to determine operation and maintenance enhancements to be incorporated into annual training.
- Continue to design and build access enhancement projects at CSO and siphon locations.



- Review the CSO Inventory schematics and revise as necessary.
- Update the CSO characterization sheets to reflect the updated and calibrated hydraulic model.
- Eliminate the Grantswood Siphon prior to June 30, 2012.

# **CSSA**

- Evaluate sewers requiring additional and/or immediate maintenance or cleaning based upon CSSA inspection results from FY11.
- Define critical areas and large diameter sewers for inspection in FY12.
- Continue to enhance the blockage abatement program. Continued implementation of the PipeLogic PACP software for internal crews.

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

# FY11 Program

# Real Time Control Optimization

- Continued operation of Phase I and Phase 2 of the Real Time Control system. During FY11, approximately 1254 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 end of Section 1 for a detailed report.
- Developed a working definition of "RTC active storage" to standardize the calculation of the volume of flow stored during wet weather events by RTC facilities.
- Scheduled time with RS and Operations staff in the computer room during rain events to
  observe the decision making process and reaction of the system to events. The intent of
  this activity was to identify further opportunities to enhance the RTC user interface or
  indicate where modifications in programming could improve system performance.
- Initiated an evaluation of existing and planned IOAP control facilities, pump stations, gates, and system models to determine opportunities and operational procedures to optimize the use of current and future CSO control facilities.
- Continued the RTC Phase II analytical and administrative projects.
- Programmed tracking mechanisms to determine the volume of combined sewage stored in the system during rain events.

#### Storage Optimization

- <u>CSO108 Dam Modification</u> Finalized project design in October 2010. Project was constructed prior to December 31, 2010, in accordance with the IOAP deadline.
- Installed flap gate at CSO146 prior to September 30, 2010.



# FY12 Program

#### Real Time Control Optimization

- Continue to schedule time with RS and Operations staff in the computer room during a rain event to observe the decision making process and reaction of the system to events. Based upon these meetings, enhancements to SOPs for wet weather will be discussed.
- Continue to monitor CSOs upstream of Morris Forman WQTC to determine if physical modifications to the structures at CSO210 and CSO016 have reduced wet weather overflow.
- Continue an evaluation of existing and planned IOAP control facilities, pump stations, gates, and system models to determine opportunities and operational procedures to optimize the use of current and future CSO control facilities.

#### Storage Optimization

- Continue to evaluate opportunities to raise dams and maximize storage to reduce overflow volumes and frequencies.
- Continue to review and monitor the operation of the flood gate downstream of CSO062 to determine if modification to the operational procedures of this gate can be enhanced to reduce overflows.







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

	Period
From :	07/01/2010
To:	06/30/2011

	Wet Weather Event Rainfall					Wet Weather Storage Volume (MG)									
Event Number	Start Date	End Date	Duration	Average* TRFD (in)	TRFD	Rain Gauge	SWPS SG Chamber	SWOR2	Brady Lake and Executive Inn Storage	Southern Outfall	Ohio River Interceptor		Total	High River Levels	Comments
2010-048	07/08/2010 16:00	07/09/2010 21:40	29:40	0.80	1.71	TR15	4.0	4.6	0.4	1.7	2.9	0.0	13.6	No	Many sites manually controlled: MDS, SWPS and SWOR2; Sneads Branch gate did not inflate
2010-049	07/13/2010 04:10	07/14/2010 10:05	29:55	1.64	2.50	TR13	13.9	6.0	2.3	4.6	3.9	1.8	32.5	No	
2010-052- 053-054	07/19/2010 19:25	07/23/2010 10:30	87:00	1.45	1.95	TR12	23.0	13.4	4.6	11.7	8.4	3.8	64.9	No	Three consecutive storms with some dewatering between events; multilple sites manually controlled
2010-055- 056	07/27/2010 15:05	07/30/2010 08:45	65:40	0.60	1.88	TR12	9.1	4.1	0.3	1.7	2.6	0.6	18.4	No	Three consecutive storms with some dewatering between events; multiple sites manually controlled
2010-057	07/31/2010 02:20	08/01/2010 07:55	29:35	0.76	1.69	TR11	14.0	6.9	3.7	5.7	6.3	1.6	38.2	No	Two consecutive storms with some dewatering between events; multiple sites manually controlled
2010-058	08/05/2010 09:35	08/05/2010 19:45	10:10	0.25	0.34	TR04	5.8	3.2	1.0	1.0	1.4	0.2	12.5	No	
2010-059	08/11/2010 13:15	08/12/2010 02:45	13:30	0.10	0.41	TR11	5.0	4.1	0.2	0.7	1.5	0.2	11.6	No	
2010-061	08/13/2010 18:30	08/14/2010 04:05	9:35	0.19	0.81	TR15	3.7	2.5	0.5	0.0	0.0	0.0	6.7	No	Rainfall only on eastern portion of City
2010-062	08/14/2010 16:50	08/15/2010 15:05	22:15	1.15	1.75	TR14	12.7	9.9	5.0	4.3	4.2	1.0	37.0	No	
2010-064	08/21/2010 07:15	08/22/2010 01:00	17:45	0.69	1.04	TR14	13.0	6.2	2.3	3.7	4.0	0.9	30.1	No	
2010-074	10/13/2010 18:45	10/14/2010 05:45	11:00	0.45	0.61	TR05	4.1	2.7	0.9	4.5	4.0	0.2	16.4	No	
2010-076	10/26/2010 10:35	10/26/2010 23:50	13:15	0.75	1.05	TR14	7.7	4.2	0.9	3.7	3.3	0.4	20.2	No	SWOR2 manually controlled for approximately 6 hours
2010-078	11/16/2010 09:55	11/17/2010 14:55	29:00	0.72	0.97	TR14	14.1	5.7	2.5	4.3	4.1	0.5	31.1	No	SWSG manually controlled for short period
2010-080	11/24/2010 10:05	11/28/2010 10:20	96:15	2.77	3.19	TR04	18.7	12.8	10.1	8.6	8.0	2.7	60.9	No	Two consecutive storms with some dewatering between events, SWSG manually controlled for short period
2010-081	11/29/2010 19:40	12/01/2010 20:15	48:35	1.59	1.83	TR04	14.9	5.9	5.2	6.8	5.5	1.7	39.9	No	
2010-090	12/29/2010 23:10	12/30/2010 18:45	19:35	0.52	0.59	TR12	6.8	5.1	0.4	3.8	4.1	0.1	20.2	No	
2010-091	12/31/2010 23:55	01/02/2011 07:20	31:25	0.64	0.79	TR14	14.0	6.3	1.5	3.8	3.4	2.5	31.3	No	
2011-003	01/17/2011 23:55	01/19/2011 02:00	26:05	0.40	0.51	TR14	1.2	1.3	0.0	0.2	0.9	4.3	7.8	No	
2011-008	02/01/2011 01:35	02/02/2011 17:45	40:10	0.90	0.99	TR12	9.7	7.5	2.1	3.8	3.8	0.3	27.1	No	
2011-009	02/05/2011 03:00	02/05/2011 15:35	12:35	0.20	0.26	TR13	0.0	0.6	0.0	0.5	1.5	0.0	2.5	No	Small rainfall event with no or very few wet weather flow at SWPS SG chamber and Snead Branch
2011-010	02/07/2011 08:25	02/07/2011 23:55	15:30	0.28	0.37	TR14	0.0	2.0	0.1	0.9	2.6	0.0	5.5	No	Small rainfall event with no or very few wet weather flow at SWPS SG chamber and Snead Branch
2011-012	02/21/2011 17:25	02/22/2011 02:35	9:10	0.22	0.30	TR15	0.0	2.8	0.2	0.0	0.0	0.0	2.9	No	Small rainfall event with no or very few wet weather flow at SWPS SG chamber and Snead Branch





MSD Louisville/Jefferson County Metropolitan Sewer District



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

Period From: 07/01/2010 To: 06/30/2011

	Wet Weather Event			R	ainfall				Wet Weather Storage Volume (MG)				High		
Event Number	Start Date	End Date	Duration	Average* TRFD (in)	TRFD	ax** Rain Gauge	SWPS SG Chamber	SWOR2	Brady Lake and Executive Inn Storage	Southern Outfall	Ohio River Interceptor		Total	River Levels	Comments
2011-013	02/24/2011 04:10	02/27/2011 14:45	82:35	2.64	3.10	TR14	8.6	3.2	3.3	4.3	4.6	1.1	24.9	Yes	Because of high river levels, the SWPS SG chamber was put in manual control during the event limiting the total storage volume at this site
2011-014	02/27/2011 14:45	03/04/2011 01:20	106:35	1.29	1.58	TR11	18.8	19.6	7.3	3.7	3.0	2.4	54.8	Yes	Because of high river levels, the SWPS SG chamber was put in manual control during the event limiting the total storage volume at this site
2011-015	03/04/2011 16:05	03/08/2011 09:45	89:40	0.99	1.15	TR14	16.1	12.4	2.7	3.7	2.4	3.0	40.3	Yes	Because of high river levels, the SWPS SG chamber was put in manual control during the event limiting the total storage volume at this site
2011-016	03/08/2011 19:20	03/13/2011 07:05	107:45	2.75	3.24	TR05	17.4	10.7	0.5	3.8	3.2	2.2	37.8	Yes	
2011-018	03/14/2011 03:20	03/17/2011 05:25	74:05	0.82	1.08	TR14	17.0	8.6	2.3	2.0	2.2	1.9	33.9	No	
2011-019	03/18/2011 17:30	03/19/2011 06:15	12:45	0.14	0.21	TR12	1.2	1.0	0.1	0.9	1.2	1.6	5.9	No	
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	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	50.1	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
2011-030-00	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
2011-039-04	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)
TOTAL							497.4	251.2	94.0	180.1	165.7	65.8	1254.0		



# 1.4 NMC 3: Review and Modification of Pretreatment Requirements

#### FY11 Program

- Completed annual (FY11) NMC #3 Trunk Sewer Water Quality Data Collection effort in quarter 20 (July 1, 2010, through September 30, 2010).
- Completed review and evaluation of industrial user data (all Non-Domestic Dischargers (NDDs) of concern) and trunk line sewer data contributory to CSOs to determine if they discharge a disproportionate share of pollutants of concern to the CSS in quarter 21 (October 1, 2010, through December 31, 2010).
- Finalized Pollutants of Concern (POC), NDD, and trunk line sewer risk models (contributory to CSOs) for FY11 in quarter 22 (January 1, 2011, through March 31, 2011).
- Finalized file memorandum to document the findings and recommendations resulting from above efforts in quarter 23 (April 1, 2010, through June 30, 2011).
- Continued to send wet weather alerts to NDD of concern prior to rain events, reminding them of their commitment to implement voluntary controls during wet weather events. During this reporting period, the MSD service area experienced 77 measurable rain events, four events with only trace rainfall, and seven snow events. MSD sent email notices to NDDs 106 times prior to a rain event. There are currently 9 NDDs that voluntarily implement controls during wet weather by alternating their cleaning schedule and/or by storing during a rain event and releasing later.
- Continued to include specific NMC #3 related language as appropriate, in new and reissued wastewater discharge permits to facilities located in the CSS, as well as in all
  Unusual Discharge Requests approved for discharge to the CSS. MSD re-issued 22
  wastewater discharge permits to users discharging to or immediately upstream of the
  CSS and issued 10 Unusual Discharge Requests in the CSS during this quarter.
- Conducted NMC #3 site inspections at Significant Industrial User permittee facilities not currently in the formal NMC #3 program as part of the permit renewal process. These are facilities found to have little to no impact during rain events. During this reporting period, MSD conducted five of these inspections. MSD elected to not request implementation of voluntary controls at this time because of the limited benefit gained as well as the increased risk of noncompliance with limited pollutants due to implementation of controls during rain events. MSD heightened the awareness of the combined sewer system operation during wet weather for these industries during this process.
- Continued to seek out green infrastructure opportunities at NDDs discharging to CSS.
- Continued to track performance measures to monitor the effectiveness of the implementation of NMC #3 within the Pretreatment Program.

#### FY12 Program

• Initiate a comprehensive review of NDDs to identify those that may be removed from the program, as well as any that may need to be added. This effort is undertaken on a three



year cycle to consider changes in industrial discharges and changes in the CCS sewer system and/or water quality criteria. MSD expects to complete this review in the next fiscal year.

- Complete annual (FY12) NMC #3 Trunk Sewer Water Quality Data Collection effort.
- Complete review and evaluation of user data of NDDs of concern and trunkline sewer data contributory to CSOs to determine if they discharge a disproportionate share of pollutants of concern to the CSS.
- Determine POC, NDD, and trunkline sewer (contributory to CSOs) for FY12.
- Prepare a file memorandum to document the findings and recommendations resulting from above efforts.
- Continue to send wet weather alerts to NDD of concern prior to rain events, reminding them of their commitment to implement voluntary controls during wet weather events.
- Continue to include specific NMC #3 related language as appropriate, in new and reissued wastewater discharge permits to facilities located in the CSS, as well as in all Unusual Discharge Requests approved for discharge to the CSS.
- Conduct NMC #3 site inspections at Significant Industrial User permittee facilities not currently in the formal NMC #3 program as part of the permit renewal process.
- Conduct NMC #3 annual site inspections at Significant Industrial User permittee facilities who are currently in the NMC #3 program.
- Continue to seek out green infrastructure opportunities at NDDs discharging to CSS.
- Track performance measures to monitor the effectiveness of the implementation of NMC #3 within the Pretreatment Program.
- Re-evaluate Opta Foods as a NDD of concern. The company discontinued production on March 8, 2011, and initiated production for an 8 week period on August 8, 2011. The company expects to run wet production 4 to 5 months each year.
- Develop a mechanism to deliver information to the Public on NDDs of concern in specific CSO areas.
- Implement a residential grease drop-off program in the CSS. MSD will provide small receptacles for home disposal of grease that would otherwise go down the drain. These drop-off locations will be centrally located, and will allow for the conversion of grease to a bio-diesel fuel product.

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

#### FY11 Program

 Completed the Preliminary/Primary Study with recommendations to improve screenings and grit capture. Benefits are reduction of frequency and expense of digester cleaning plus optimization of flow through the head works without concern for screen blinding or



- grit removal system plugging, especially during wet weather events. Becomes even more important for wet weather events after extended dry spells and in the fall.
- Continued performance testing of flow meters that could be candidates for replacement
  of the flow meters on secondary clarifier influents. Benefit is greater control through
  secondary treatment and maximization of flow prior to secondary bypassing, limiting
  bypass quantities during wet weather.
- Completed draft design to replace the de-laminated bottom section of the secondary bypass Parshall flume. The benefit is more accurate flow readings.
- Continued implementation of recommendations outlined in the Morris Forman WQTC Wet Weather Process Control Plan. Eight of the nineteen recommendations are either complete or have processes underway to complete.
- Performed stress testing on 3 secondary clarifiers at Morris Forman WQTC.

### FY12 Program

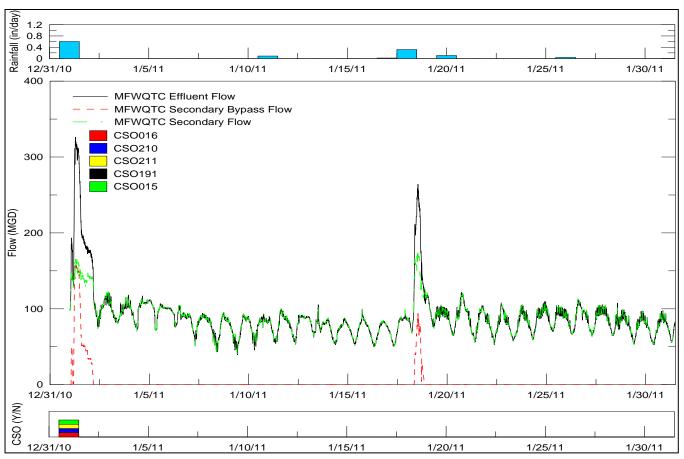
- Replace secondary clarifier flow meters using technology selected through the field evaluation conducted in FY 11.
- Replace de-laminated bottom section of the secondary bypass Parshall flume.
- Update Capacity Calculator to reflect results of secondary clarifier stress testing.
- Continue implementation of the recommendations from the Preliminary/Primary Study and prepare conceptual design of modifications to the preliminary treatment system to improve reliability of operation during wet weather.
- Complete evaluation of current role of Bioroughing Towers in Morris Forman WQTC process scheme.
- Continue with study/scope of OGA plants replacement with VSA/VPSA Technology.
- Develop and begin tracking performance measures for maximization of treatment through Morris Forman WQTC.
- Complete studies and, if appropriate, implement improvements to flow measurement at several places in the Morris Forman WQTC, including:
  - Develop an algorithm to calculate flow under Sluice Gate 1 at the Main Diversion Structure during wet weather events;
  - Develop a site-specific, field calibrated weir equation to allow flow measurement by the movable weir upstream of the old Headworks; and
  - Evaluate wet well operating levels in the Final Effluent Pump Station to see if the existing effluent flume can be used during pumping operations.
- Continue to enhance and train on the SOP for flow handling at MDS to allow for maximum treatment at Morris Forman WQTC prior to any flow being stored. Evaluate flow management strategy and subsequent Csoft/local station programming to determine if refinement is necessary.



 Continue to schedule time with RS and Operations staff in the computer room during a rain event to observe the decision making process and reaction of Morris Forman WQTC processes to the event.

# 1.5.1 Morris Forman Water Quality Treatment Center

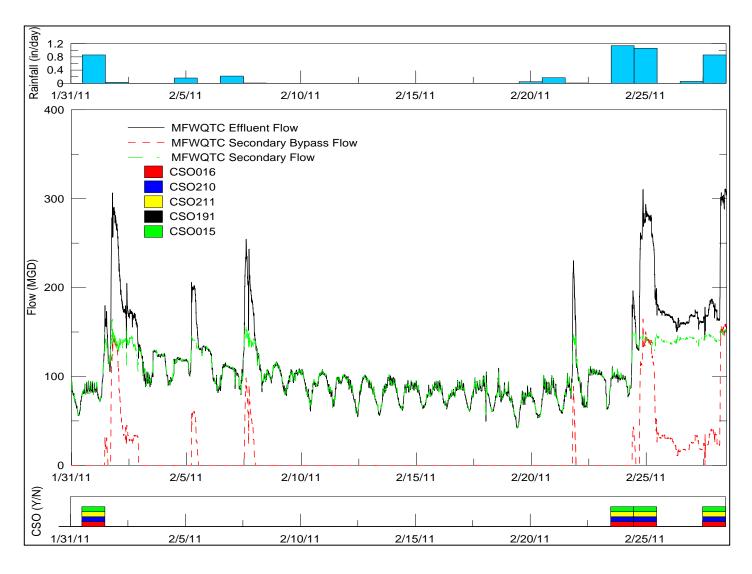
• The following charts illustrate performance in maximizing flow to the Morris Forman WQTC. The top of the chart shows rainfall inches per day. The middle part of the chart shows Morris Forman WQTC effluent flow, secondary treatment flow, and secondary bypass flow. The bottom of the chart shows days 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. The other CSO activations were tied to flow measurement downstream of the respective CSOs. MSD is currently investigating the impact of backwater on the other CSO flow meters to ensure that CSO volumes and activations are being measured as accurately as is practical, given the site limitations of the meter locations. The targeted data calculation for this effort began in January 2011.



Morris Forman WQTC Wet Weather Treatment Performance - January 2011

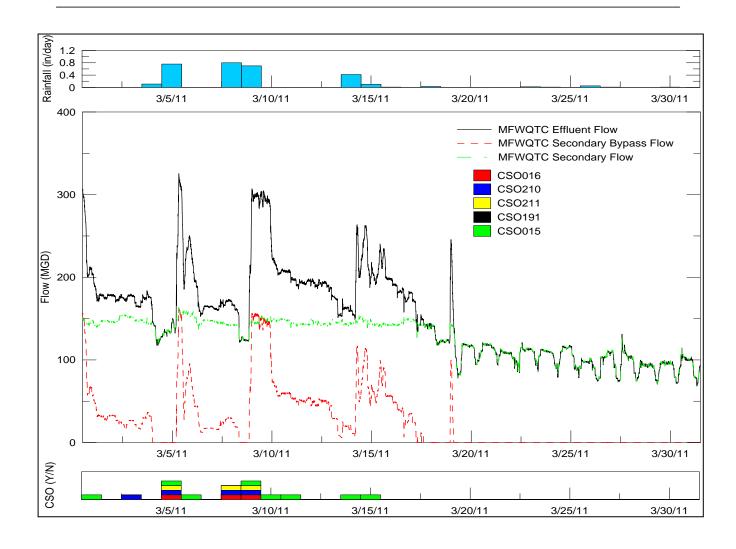






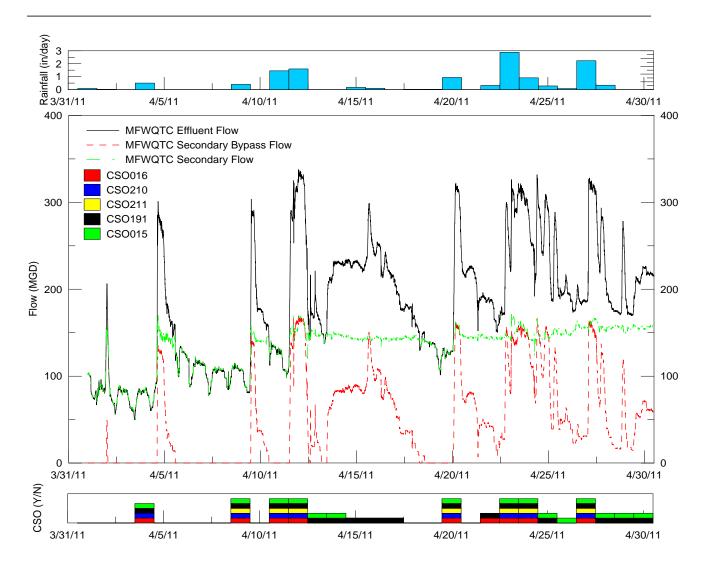
Morris Forman WQTC Wet Weather Treatment Performance - February 2011





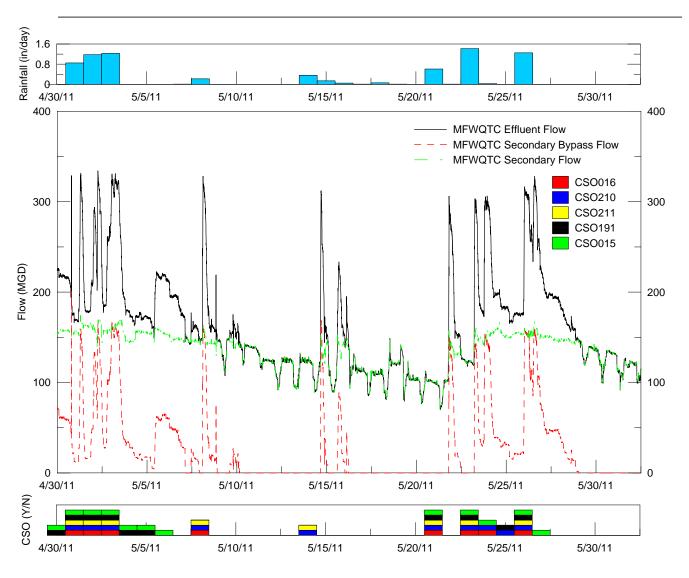
Morris Forman WQTC Wet Weather Treatment Performance - March 2011





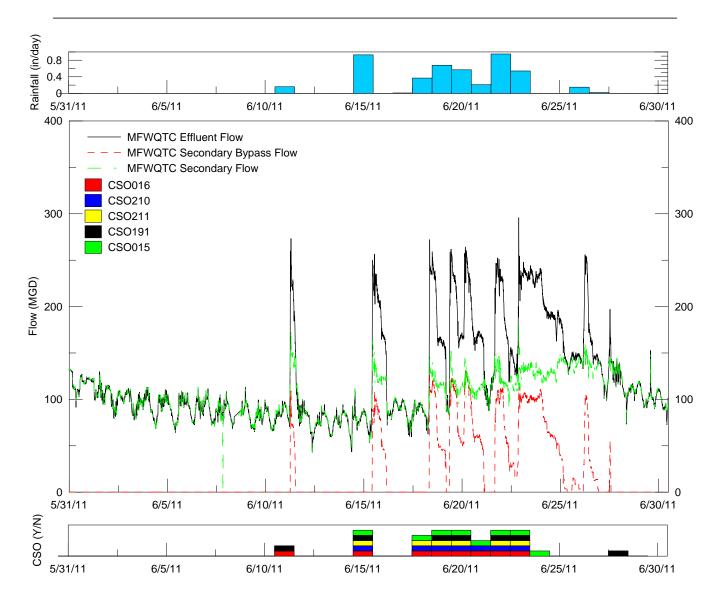
Morris Forman WQTC Wet Weather Treatment Performance - April 2011





Morris Forman WQTC Wet Weather Treatment Performance - May 2011



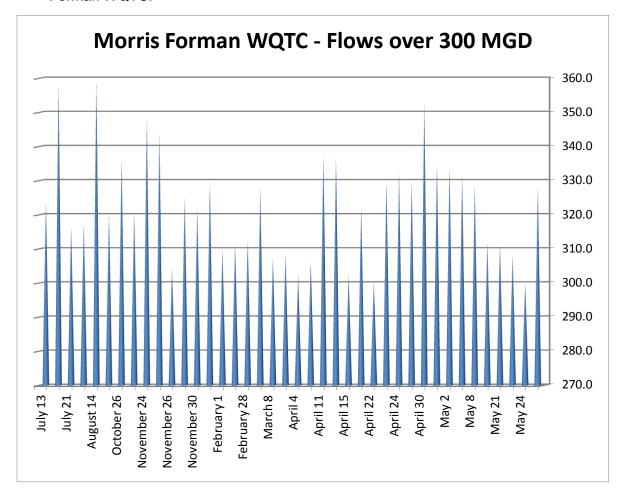


# Morris Forman WQTC Wet Weather Treatment Performance - June 2011

• 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.



• Documented 40 days during FY11 where the peak flow was over 300 MGD at the Morris Forman WQTC.



- Documented 2 KPDES permit violations at Morris Forman WQTC during FY11. This
  Annual Report discusses both violations that occurred during Fiscal Year 2011. These
  violations were originally reported in Quarterly Report # 20. The first violation occurred
  on July 12, 2010, with a total of 5 days exceeding the permitted maximum daily total
  residual chlorine (TRC) limit of 0.019 mg/l. The other violation occurred with two, 7-day
  fecal coliform bacteria exceedances during the month of August (August 8 through
  August 21, 2010).
- The following describes the cause of each violation, and MSD's actions to correct the conditions that resulted in the violation:
  - The first exceedance, TRC violation, occurred on July 12 and also 25-28, 2010, and was believed due to the failure of the device that mixes sodium hypochlorite and the chlorine neutralizing chemical (sodium bisulfite) with the plant effluent. A hose feeding the chemical was damaged and repaired on July 18. Later in the month a similar mixing problem occurred. Following an exhaustive investigative search to determine the possible cause(s) were inconclusive, and the existing





equipment was found to be functional, it was decided to add an additional sodium bisulfite feed and mixing unit to each chlorine contact basin to double the feed/mixing capacity at each basin. An additional mixing device was added to one basin to see what impact it had. Following good mixing results the other basin was fitted with the additional mixing unit in early 2011. The Plant has not experienced a TRC violation since the additional mixing/feed equipment to both basins was installed.

- The second violation (weekly fecal coliform bacteria limits) occurred on August 8-21, 2010, and was believed due to reducing the amount of sodium hypochlorite dosing which affected the fecal coliform count during both weeks. As previously noted staff was having difficulty meeting TRC limits during the end of July so in an attempt to reduce the TRC exceedances the sodium hypochlorite feed rate was lowered which caused fecal coliform levels to exceed permit limits during several days in the August time period. The Plant has not recorded a permit violation since the dechlorination system was modified.

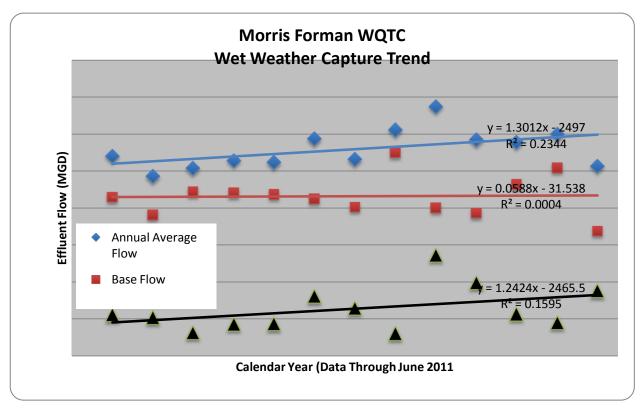
# FY 12 Program

- The training recommendation on the enhanced Plan will occur prior to June 30, 2012, and will be administered annually.
- Issued a notice-to-proceed on March 29, 2010, for the Morris Forman WQTC Wet
  Weather Operations Standard Operating Procedures (SOPs) update. The project
  consisted of six independent tasks that will help enhance wet weather operations at the
  Morris Forman WQTC. On April 7, 2010, a kick-off meeting was held with staff to
  review the project scope, discuss schedules and define individual roles for the six tasks.
  A series of workshops and staff process review meetings were held August 2010 to
  develop the enhanced SOP.
- Completed the Final Wet Weather Process Control Plan in August 2011. Several of the recommendations in the Plan are in the process of being implemented or have been implemented.

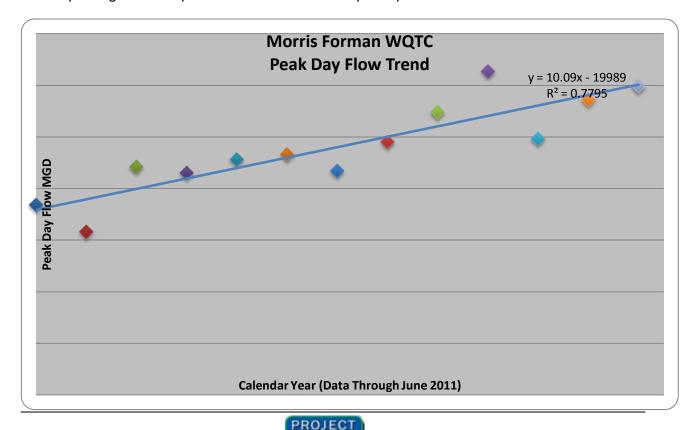
#### 1.5.2 Wet Weather Capture

Over the past several years, the long term trend continues to show that MSD has increased the amount of wet weather flow treated at the Morris Forman WQTC. The wet weather capture is the difference between the annual average flow treated and the base wastewater flow (defined in state regulations as the lowest monthly average day flow during the calendar year). The base flow for calendar year 2010 shows a dramatic drop due to the record-setting drought in August and September of 2010. The lower base flow in the last half of 2010, offsets very high flows in 2009, and the first half of 2010. Overall, the long term base flow trend is flat, reflective of no significant changes in the industrial/commercial or residential customer base in the Morris Forman WQTC service area. The twelve-year trend shown in the figure below confirms that wet weather capture continues to increase. The increasing trend in wet weather capture is largely attributed to a combination of capital improvements at the Morris Forman WQTC, development of wet weather operational procedures, and implementation of RTC facilities in the CSS.





The improving trend in plant wet weather flow capture performance and the increase in the





number of days that peak flow exceeds 300 MGD (described in Section 6.1.1) is also reflected in the long term trend in the maximum day flow treated at Morris Forman WQTC, as shown in the figure below. Each data point represents the maximum daily flow treated during the year. Although the instantaneous peak hydraulic capacity of the Morris Forman WQTC is 350 MGD, the sustained flow that can be treated on a daily basis is governed by a number of other factors, including the performance of the biological treatment processes.

The data trend continues to show increases in peak day flows treated. Part of the reason for this is the extended periods of rainfall that have been experienced in the spring of calendar year 2010 and 2011. Additional factors contributing to this positive trend are implementation of the new wet weather SOP, and better wet weather process control at the Morris Forman WQTC. These two factors result in the Morris Forman WQTC being able to treat elevated flows for a longer period of time without jeopardizing permit compliance, resulting in more flow being treated for longer periods of time during wet weather events.

### 1.6 NMC 5: Elimination of CSOs During Dry Weather

# FY11 Program

## Flood Pump Stations

- Completed the update of the U.S. Army Corps of Engineers (USACE) Flood Operations and Maintenance Manual. The project updated the four volumes of the operations and maintenance manuals for the Flood Pump Stations (FPS) to reflect current operational procedures and protocols along with revisions related to changes proposed to reduce dry weather overflows. The update was completed prior to June 30, 2011.
- Pumped approximately 231,000 gallons of trapped flow back into the sanitary sewer system to avoid dry weather overflows as a result of operation of the flood protection system from the 34th Street, Starkey, and 4th Street Flood Pump Stations during FY11.
- Initiated design activities for the 27th Street and Shawnee Flood Pump Station (FPS)
   Dry Weather Overflow (DWO) Elimination projects. The Consent Decree deadline for completion of these projects is December 31, 2013.
- Initiated construction of the gate automation changes at 4th Street and 34th Street PS to eliminate DWOs in "idle" mode. The Consent Decree deadline for completion of these projects is December 31, 2012.
- Completed and implemented the SOPs for the Flood Pump Stations that did not require a capital project under the IOAP. SOPs and training modules were completed for the following Flood Pump Stations:
  - 5th Street Flood Pump Station
  - 10th Street Flood Pump Station
  - Beargrass Creek Flood Pump Station
  - Paddy's Run Flood Pump Station
  - Starkey Flood Pump Station





Western Flood Pump Station

#### **Asset Analysis**

- Performed the quarterly evaluation of dry weather unauthorized discharges to the
  Waters of the United States, with emphasis on the CSS, to determine causes and to
  determine if there is a need for corrective activities. Some of the recommendations
  delivered from the inspection included: revision to the preventive maintenance of a gate
  at the Starkey PS, and removal of flap gate debris along the improved channel of
  Beargrass Creek. MSD will continue to report dry weather overflows from the CSS in
  accordance with the Sewer Overflow Response Protocol (SORP).
- Performed inspection and cleaning of FOG hotspots within the CSS, in accordance with CMOM commitments.
- Performed a review of Louisville Water Company SOPs and practices relative to line breaks, hydrant flow tests and line flushing that may create DWOs or storm water discharges by hyper-chlorinated releases during FY11.

#### FY12 Program

## Flood Pump Stations

- Continue to implement additional operational and/or structural modifications at flood pump stations within the CSS to prevent dry weather overflows. Discussions with the USACE continued regarding proposed modifications to these pumping stations that will minimize dry weather CSOs due to high river levels.
- Implement gate automation changes at 4th Street and 34th Street Flood Pump Stations to eliminate DWOs in "idle" mode. The Consent Decree deadline for completion of these projects is December 31, 2012.
- Continue design activities for the 17th Street Flood Pump Station (FPS) Dry Weather Overflow (DWO) Elimination project. The Consent Decree deadline for completion of these projects is December 31, 2014.
- Continue design activities for the 27th Street and Shawnee Flood Pump Station (FPS)
  Dry Weather Overflow (DWO) Elimination projects. The Consent Decree deadline for
  completion of these projects is December 31, 2013.
- Obtain final approval of the updated of the U.S. Army Corps of Engineers (USACE)
  Flood Operations and Maintenance (O&M) Manual. MSD staff will present changes to
  USACE for final approval. Once approved MSD will initiate staff training to of the new
  manual to reflect operational procedures and protocols revisions.

#### **Asset Analysis**

- Perform a quarterly evaluation of dry weather overflows to the Waters of the United States, with emphasis on the CSS, to determine causes and to determine if there is a need for corrective activities.
- Initiate a work group including members of MSD staff and Louisville Water Company staff to review protocols for hydrant flow tests to prevent any DWOs caused by hyper-



- chlorinated discharges. LWC processes that could cause overflows or any impacts to MSD facilities will be considered and discussed.
- Perform inspection and cleaning of FOG hotspots within the CSS, in accordance with CMOM commitments.

#### 1.7 NMC 6: Control of Solids and Floatable Materials in Combined Sewer Overflows

# FY11 Program

#### Field Verification

- Continued to monitor and document performance of the CSO108 Solids and Floatables control CDS operation in accordance with the MOU with the Kentucky Nature Preserve. Two semi-annual reports of the efficacy of the CDS unit were submitted to the Kentucky Nature Preserve in FY11. Copies of the semi-annual CSO108 efficacy report are provided in Appendix A.
- Continued to review new S&F technologies for potential incorporation into the program.

#### Solids and Floatables Debris Removal

- Continued inspection and maintenance procedures for the solids and floatables structures as part of the weekly CSO inspections and PM cleaning routines, outlined under NMC #1. During FY11, 312 work orders were issued for debris removal at the solids and floatables structures.
- Continued working with staff to determine the quantity of debris and floatables captured by street sweeping, catch basin cleaning, at the headworks of the Morris Forman WQTC, and at the end of line S&F controls. Reports have been developed to capture the amount of material removed through catch basin cleaning and at the end of the line S&F controls. Results for the FY11 are shown in the table below:

Location	Approximate Amount of Debris Removed
Catch Basin and Sewer cleaning	4500 CY
S&F Controls and Sneads Branch	58 CY
Headworks of Morris Forman WQTC	6895 CY
Street Sweeping	1290 Tons

# FY12 Program

#### Field Verification

• Continue to observe and document the effectiveness of controls for different floatable types at selected locations. Summarize findings in the FY12 Annual Report.



 Continue to monitor and document performance of the CSO108 Solids and Floatable structure operation in accordance with the MOU with the Kentucky Nature Preserve by MSD Crews. Reports will be submitted on June 30, and December 31 annually.

#### Solids and Floatables Debris Removal

Track the volume of solids and floatables materials removed from the CSS.

## 1.8 NMC 7: Pollution Prevention Programs to Reduce Contaminants in CSOs

# FY11 Program

• Continued coordination of activities performed by Louisville Metro such as: street

sweeping, Operation Brightside (trash and litter clean-up), and other Metro pollution prevention programs.

 Continued administration of the Hazardous Materials Ordinance, which requires users with hazardous materials on site to submit a spill prevention and control plan. Continued response to spills of hazardous materials and incidents involving discharges to the sewer system and provided spill mitigation kits to the Louisville Metro Fire Department to use to absorb vehicle fluids rather than flushing to the sewer.



- Continued administration of the Erosion Prevention and Sediment Control Ordinance (EPSC). Continued use of a tracking system for EPSC NOVs and Field Correction Notices within the CSS. In FY11, 53 field correction notices and 10 NOVs were issued for activities within the CSS.
- Continued issuance of Wastewater Discharge Permits under the Industrial Pretreatment Program.
- Continued to facilitate clean sweep events and coordinate volunteers to remove trash and debris from the waterways in Jefferson County; facilitate rain barrel sales in partnership with the Louisville Nature Center; prepare and distribute informational pieces targeted to inform customers and residents on activities that can be practiced within their homes to assist in the reduction of overflows within the collection system; promote Green Infrastructure initiatives within Jefferson County, such as pervious pavement and aqua pavers; and distribute a rain garden manual outlining design and installation procedures for homeowners throughout FY11.
- Continued to prepare and distribute informational pieces, targeted to inform customers and residents on activities that can be practiced within their homes to assist in the reduction of overflows within the collection system.



- Executed a contract to develop Stormwater Pollution Prevention Plans (SWPPPs) for the WQTCs, major Pump Stations, and CMF.
- Completed development of base template plans and training modules related to Stormwater Pollution Prevention Plans (SWPPPs) for the WQTCs, major Pump Stations, and CMF prior to June 30, 2011.
- Continued issuance of Wastewater Discharge Permits under the Industrial Pretreatment Program.
- Distributed literature to SIUs on BMPs for prevention of pollution.
- Continued enhancement of the framework for the IOAP green infrastructure program tracking in HANSEN and Sharepoint.
- Utilized and distributed the rain garden handbook to Louisville Metro agencies and to the public in order to encourage green infrastructure.

#### FY12 Program

- Utilize and distribute the rain garden handbook to Louisville Metro agencies and to the public in order to encourage green infrastructure.
- Continue to track green infrastructure projects and initiatives in Hansen and Sharepoint.
- Enhance the green infrastructure BMP manual as necessary.
- Continue to track EPSC NOVs and Field Correction Notices within the CSS.
- Continue to prepare and distribute informational pieces, targeted to inform customers and residents on activities that can be practiced within their homes to assist in the reduction of overflows within the collection.
- Apply base template plans and training modules related to Stormwater Pollution Prevention Plans (SWPPPs) at the WQTCs, major Pump Stations, and CMF prior to June 30, 2012.

#### 1.9 NMC 8: Public Notification

 To reduce duplication, public notification information will be reported in Section 4: Project WIN Program Activities for Public Outreach, Education, Notification and Participation.

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

Please refer to **Section 3.5 - Post Construction Compliance Monitoring** for information regarding system monitoring.



# **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 <a href="www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>. The following activities were performed during this reporting period.

# 2.2 Overflow Management and Field Documentation

### FY11 Program

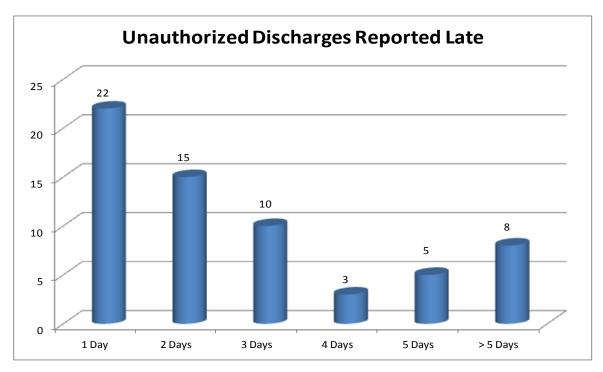
Documented a total of 1703 overflows in FY11. The chart below shows these overflows broken down by Dry/Wet, Interior, Exterior, Waters of the US (WUS), and by Problem Code. Interior overflows <u>do not</u> include those that are the result of a problem on MSD's portion of the lateral. In addition, any interior overflow that is caused by a private property matter is also excluded from reporting.



Overflows by Problem Code											
		Dry			Total						
Problem	Exterior	Interior	Waters of the US	Exterior	Interior	Waters of the US					
Blending At Jeffersontown WQTC	0	0	0	0	0	17	17				
Bypass At WQTC	0	0	3	0	0	29	32				
Electrical Problems At MSD	2	0	1	0	0	3	6				
Grease Blockage	5	35	1	0	1	0	42				
Lack Of System Capacity	0	0	0	25	591	623	1239				
Mechanical Failure	17	0	7	1	0	1	26				
Obstruction-Not Grease Or Root	24	160	13	0	16	4	217				
Power Outage (LG&E)	1	0	0	0	0	5	6				
Pumped Due To COE Manual	0	0	2	0	0	2	4				
Pumped Overflow	1	0	0	0	0	99	100				
Roots	19	704	3	0	61	1	788				
Structural Failure	18	54	12	1	2	3	90				
Utility Damaged MSD Asset	1	11	2	0	2	0	16				
Total	88	964	44	27	673	787	2583				



- Reported 770 of the 833 overflows that reached the WUS (93%) within 24 hours.
- Reported 63 of the 833 overflows that reached the WUS (8%) more than 24 hours after the start of the event: 46 of those overflows that were reported late occurred during rain events in April and May 2011.



- Reported 49 of the 833 of the overflows that reached the WUS (6%), as a Bypass or Blending event that required an additional 5 day written report.
- Reported 14 of the 278 dry weather discharges (5%), each with a volume between 1,000 and 50,000 gallons.
- Reported 6 of the 278 dry weather discharges (2%), each with a volume greater than 50,000 gallons.
- Updated the Project WIN website interactive map showing CSO locations and documented SSOs.
- Continued to review and enhance the SORP Implementation Manual.
- Revised SORP Documentation and adjusted overflow/wet weather inspection routes as part of the annual SORP review. New SORP Document submitted to EPA/KDEP August 22, 2011.
- Continued daily, monthly and quarterly reviews with staff from Metro Operations, Infrastructure & Flood Protection and Regulatory Services.
- Completed ISSDP projects in Beechwood Village and eliminated associated overflows at five pumped locations. Continued to monitor 4 locations and took preventive measures





to reduce basement backups in the Hikes Point area. Work orders are used to track these various activities.

- Continued to monitor overflow (SSO) sites, which have been grouped into routes based on the range of rainfall rates necessary to cause a SSO. These routes were monitored during rain events depending on the magnitude and location of the storm. If an overflow was observed, a Discharge Work Order was created to document the event. During FY11, MSD RS and Engineering staff found 314 unauthorized discharges. Fifty-six inspection routes were executed on 19 days in FY11.
- Continued to monitor over 300 sites via telemetry. There were approximately 20 sites where sewage was routinely hauled from pump stations to prevent overflows during rain events depending on the magnitude and location of the storm. Due to capacity issues during FY11, MSD Metro Operations staff hauled over 9.2 million gallons of sewage.

### FY12 Program

- Continue to monitor data, train staff and update information as needed.
- Continue to monitor over 300 sites via telemetry.
- Continue to haul to prevent overflows and backups during rain events until system improvements are completed.
- Continue to monitor documented collection system SSO sites, which have been grouped into routes based on the range of rainfall rates necessary to cause a SSO.
- Continue the daily, monthly and quarterly data reviews with staff from Metro Operations, Infrastructure & Flood Protection and Regulatory Services to ensure accuracy and consistency in reporting.
- Schedule additional field reviews of SORP procedures after rain events to both ensure successful implementation and to assist with the annual SORP overall review.
- Publish the revised SORP Implementation Manual on MSD's SharePoint site for internal staff distribution.

# 2.3 Regulatory Reporting and Data Management

#### FY11 Program

- Conducted monthly meetings with staff to perform quality control on discharge work orders.
- Conducted a monthly review of the discharge work orders and updated the associated assets in Hansen as needed.
- Performed a detailed review and trend analysis on the discharge data, incorporated the findings into the quarterly SORP training and the quarterly reports.

#### FY12 Program

Continue to perform quality control on discharge work orders with appropriate staff.



- Update assets in Hansen when new overflow locations are identified.
- Continue to review the overflow data for trends. These trends are discussed with staff in the Quarterly SORP training and documented in the Quarterly Reports.

# 2.4 Staff Training and Communication

#### FY11 Program

• Facilitated the SORP FY11 Quarterly Training.

Key Learning	Session 1	Session 2 October -	Session 3 January -	Session 4
Objective	July - September	December	March	April - June
	1 class in July, 2			
	classes in August			
Clean up and	and 8 classes in			
public	September - 283			
notification	staff trained			
		4 classes in		
		November, 9		
		classes in		
Overflow field		December -		
documentation		295 staff trained		
Monitoring,			10 classes in	
staging,			February, 4	
reconnaissance			classes in	
and			March - 279 staff	
mobilization.			trained	
Control zones,				14 classes in
mitigation and				June
volume				289 staff
estimation.				trained

- Facilitated the **SORP FY11 Annual Training** from November 2011 through December 2011. 27 training sessions were held and 661 staff/contractors attended.
- Developed and administered a SORP training course for contractors. Classes held on the following dates:
  - 8/31/2010 12 contractors
  - 9/21/2010 21 contractors
  - 3/18/2011 14 contractors
  - 4/29/2011 50 contractors
  - 5/17/2011 4 contractors



- Updated the modules for each of the quarterly SORP training prior to each session.
- Enhanced the SORP Implementation Manual.

#### FY12 Program

Schedule the FY12 SORP Quarterly Training as described below.

	Session 1 July - September	Session 2 October - December	Session 3 January - March	Session 4 April - June
Key			Monitoring, staging,	Control zones,
Learning	Clean up and	Overflow field	reconnaissance	mitigation and
Objectives	public notification	documentation	and mobilization	volume estimation

- Conduct the Annual SORP training in November and December 2012, for MSD staff.
- Continue to review and update the data associated with overflows.

# 2.5 Annual Program Review

#### FY11 Program

- Completed the annual SORP document review in August, 2011. The SORP Document was revised and re-organized to better reflect appropriate MSD personnel response based on annual and quarterly training.
- Reviewed and updated routes to include any new SSO locations. New routes were published on August 28, 2011, and sent to EPA/KDEP as part of the updated SORP documentation.

#### FY12 Program

 Perform the annual SORP review prior to August 2012. There are no major program updates anticipated at this time. Routes will be reviewed and updated to include any new SSO locations. New routes will be sent to EPA/KDEP by August 22, 2011. New routes will be published once approved by EPA/KDEP.

#### 2.6 Public Notification and Communication

To reduce duplication, public notification information will be reported in **Section 4: Project WIN Program Activities for Public Outreach, Education, Notification and Participation.** 



# **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 <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>.

#### 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.

Prospect WQTC Elimination Projects Easement Status - A total of 38 easements have been identified that are necessary to complete the entire suite of projects related to the plant



eliminations. To date, MSD has acquired 16 of these easements, and have made offers to purchase two others. The remaining 20 easement plats are still being finalized.

# 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 <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>.

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. Currently 12 green demonstration projects have been certified.

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 dry well pilot area data collection process 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 (September 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	CSO 130 - Green Street	31- Dec-11		
H09446	L_OR_MF_191_S_12_A_B	JFK MONTESSORI AREA DRY WELL	3rd Street Ventures	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	Bardstown Rd Presbyterian Church Green Parking Lot	TBD	Brown-Forman Green Roof	31- Dec-11		



The following table shows the status of the remaining green demonstration projects:

Proposed Green Demonstration Project Location (July 30, 2011)	Status
University of Louisville - Grawemayer Hall Green Parking Lot	Construction nearing completion, project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
Speed Art Museum - Infiltration Trench	Construction nearing completion, project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
East Washington Street at Adams Street Green Street	Project to be advertised for construction in October. Project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
3 <sup>rd</sup> Street Ventures (3 <sup>rd</sup> Street & Cardinal Blvd)	Construction nearing completion, project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
Wilson Crossings - Green Parking Lot	Construction on-going. Project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
German/Paristown - Green Street/Rain Garden	Project bid on September 8, 2011. Project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.
Bardstown Rd Presbyterian Church Green Parking Lot	Project in the planning stage – planning and zoning variances will delay project start. It is proposed that this project be replaced with the Brown Forman vegetated roof. Project to be completed prior to December 31, 2011, and certified prior to January 30, 2012.

# 3.3.3 Green Infrastructure Programmatic Activities

#### FY11 Program

During FY11 the following programmatic activities related to the Green Infrastructure Program occurred:

- Completed the Green Best Management Practice (BMP) manual.
- Developed the framework for incentives for green infrastructure on private property.
- Developed guidelines for an urban reforestation program.
- Accepted applications for the MSD urban reforestation program.

#### FY12 Program

Publish the green incentives program details and post the program brochure on the MSD website.

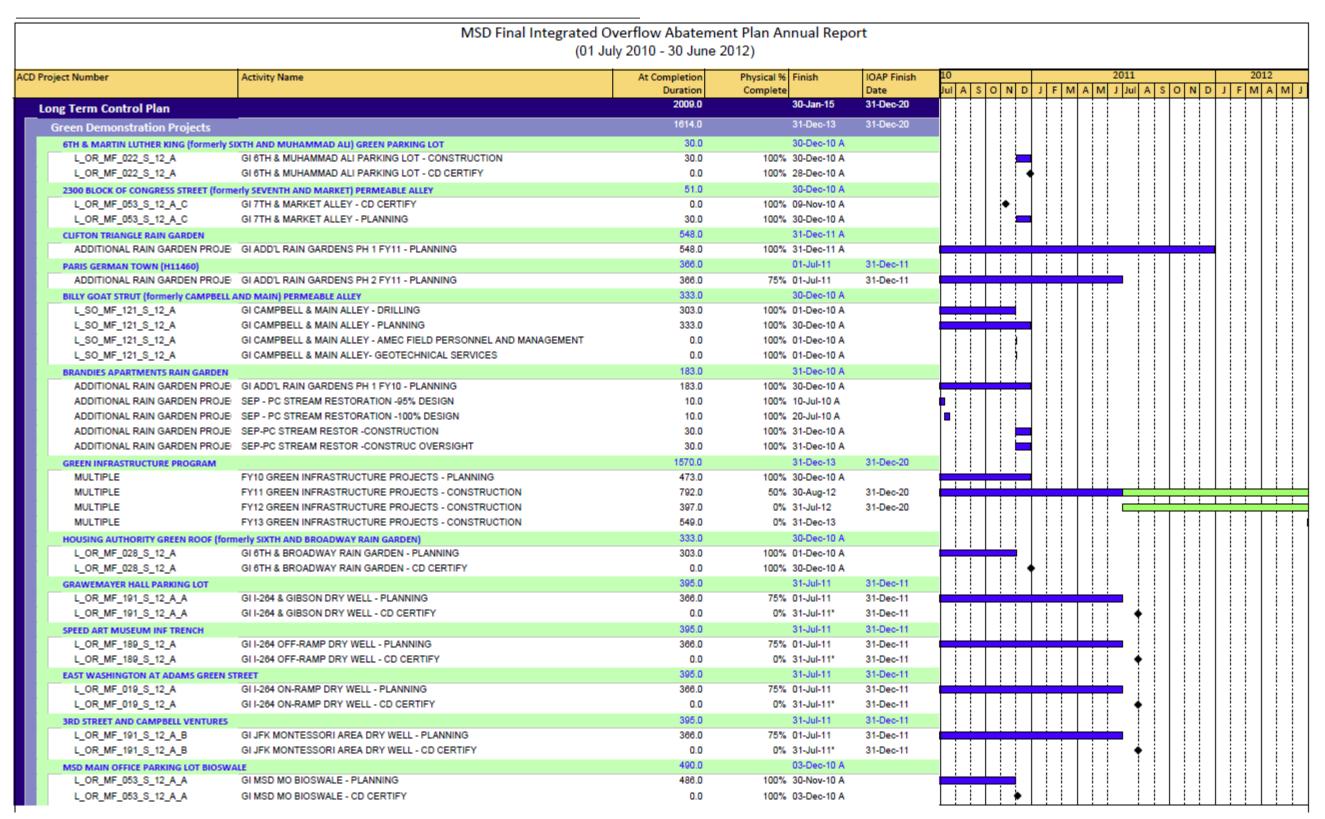


- Publish the Green Infrastructure BMP manual as a chapter of the MSD Design Manual prior to July 30, 2011.
- Create the Green Infrastructure Program web page to outline incentives, partnerships, overflow reductions, and value.
- Develop a partnership with Brightside to administer an urban reforestation program in Louisville Metro.
- Continue to track green infrastructure projects in the HANSEN and MSD GIS systems.
- Finalize an enhanced Urban Reforestation Program to install 1000 trees per year, and outline a process to track the installation and maintenance of planted trees. The initial plan is to award grant funding for urban reforestation to "sustainable partners", such as Louisville Downtown Management District, that will result in the planting of approximately 3000 trees prior to the end of FY12. Moving forward, a plan to utilize a Louisville Metro organization called "Brightside" will be developed in FY12 to assist MSD with the planning, planting, and maintenance of trees.

#### 3.4 Activity Progress Chart

A Gantt chart showing the progress of the above activities performed during FY11, or planned activities for FY12 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.

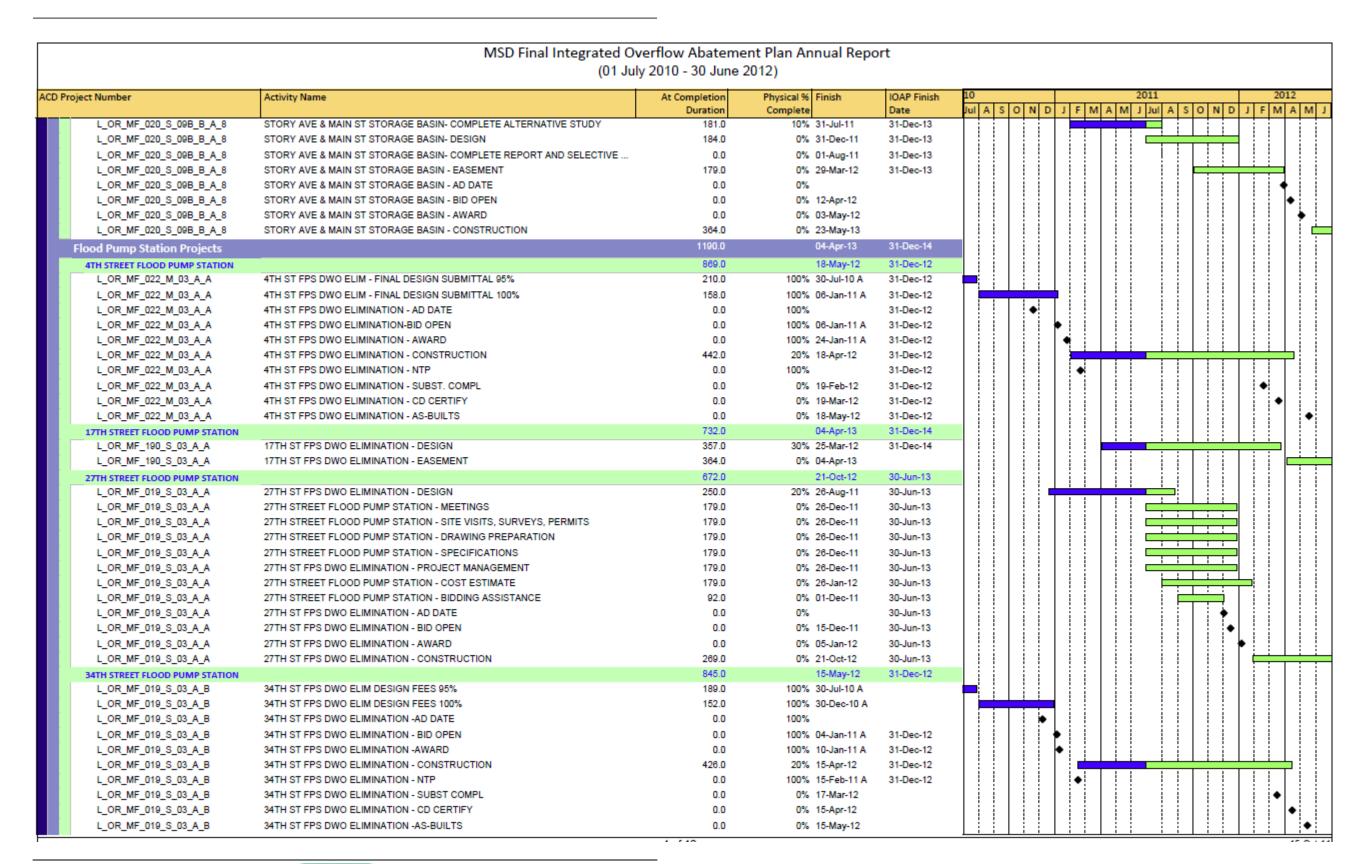




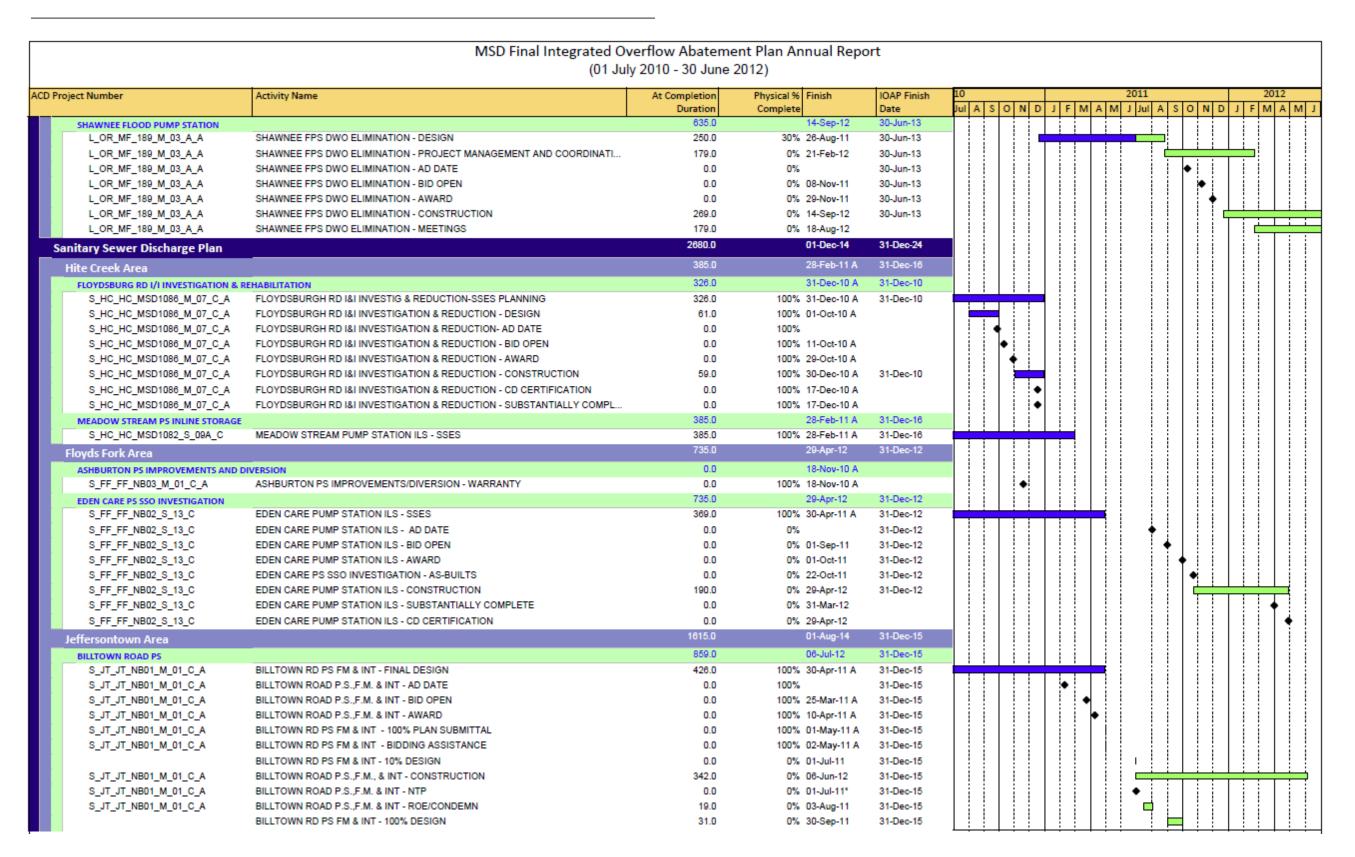


roject Number	Activity Name	At Completion	Physical % Finish	IOAP Finish	10 2011 Jul A S O N D J F M A M J Jul A S O N D J	2012 F M A N
L_MI_MF_140_S_08_A_A_0	CSO 140 SEWER SEPARATION - DESIGN	Duration 365.0	Complete 5% 28-Jun-12	Date 31-Dec-15	DUI A S O N D J F M A M J JUI A S O N D J	FIMIAI
L MI MF 140 S 08 A A 0	CSO 140 SEWER SEPARATION - EASEMENT	240.1	0% 28-Jun-12	31-Dec-15		1 1 1
CSO 160 SEWER SEPARATION		368.0	01-Jul-12	31-Dec-15	<u> </u>	
L_OR_MF_160_S_08_A_A_0	CSO 160 SEWER SEPARATION - DESIGN	254.0	5% 09-Mar-12	31-Dec-15	<del>-</del>                             <del>          </del>	<u> -</u>
L_OR_MF_160_S_08_A_A_0	CSO 160 SEWER SEPARATION - EASEMENT	130.0	0% 09-Mar-12	31-Dec-15		エー
L_OR_MF_160_S_08_A_A_0	CSO 160 SEWER SEPARATION - AD DATE	0.0	0%	31-Dec-15	_ :  :  <del> : :</del>	
L OR MF 160 S 08 A A 0	CSO 160 SEWER SEPARATION - BID OPEN	0.0	0% 01-Jul-12*	31-Dec-15		
CSO 206 SEWER SEPARATION	oo to cherch and on the	214.0	18-May-12	30-Dec-13	<b>-</b>   ; ;   ; ;   ; ;   ; ; ; ; ;   ;   ;	
L MI MF 206 S 08 A A 0	CSO 206 SEWER SEPARATION - EASEMENT	179.0	0% 13-Apr-12	30-Dec-13	<del>-</del>   ; ;   ; ;   ; ;   ; ;   ; ;   <del>; ;   ; </del>	
L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - AD DATE	0.0	0%	30-Dec-13		$\top$
L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - AD DATE	0.0	0% 27-Apr-12			
L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - BID OPEN	0.0	0% 27-Apr-12 0% 18-May-12			- [   L
I-64 AND GRINSTEAD DRIVE STORAGE		1818.0	30-Sep-14	31-Dec-14		
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - PLANNING	356.0	100% 30-Sep-10 A	01-000-14	<del></del>	
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - PLANNING	132.0	100% 30-3ep-10 A		! !   ! ! ! ! ! ! ! ! ! ! ! ! ! !	
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - PRELIM DESIGN	119.0	100% 04-00-10 A	31-Dec-14		
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - DESIGN 20% COMPLETE	182.0	0% 29-Dec-11	31-Dec-14		
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - EASEMENT	183.0	0% 30-Dec-11	31-Dec-14		
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - DESIGN SU/COMPLETE	0.0	0%	31-Dec-14	_	
L_MI_MF_127_M_09B_B_A_8	I-84 & GRINSTEAD STORAGE BASIN - AD DATE	283.0	0% 08-Oct-12	31-060-14	_	<u>i  </u>
L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - DESIGN 100% COMPLETE	0.0	0% 08-Oct-12		_                                   <del>     </del>	$\perp$
	I-64 & GRINSTEAD STORAGE BASIN - BID OPEN	0.0	0% 01-Mar-12			
L_MI_MF_127_M_09B_B_A_8 L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - AWARD	915.0	0% 22-Mar-12 0% 30-Sep-14			▼_
		975.0	01-Sep-12	31-Dec-17		
LOGAN STREET AND BRECKENRIDGE S	T STORAGE BASIN  LOGAN ST STOR BASIN-BUILD TEAM	336.0	100% 03-Dec-10 A	31-Dec-17	<u> </u>	
L_SO_MF_092_M_09B_B_D_8		336.0	100% 03-Dec-10 A			
L_SO_MF_092_M_09B_B_D_8	LOGAN ST STOR BASIN-INFO COLLECTION LOGAN ST STOR BASIN-SITE & TECH SELECT	336.0	100% 03-Dec-10 A 100% 03-Dec-10 A			
L_SO_MF_092_M_09B_B_D_8		364.0		21 Dec 17		<u> </u>
L_SO_MF_092_M_09B_B_D_8	LOGAN ST & BRECKENRIDGE ST STORAGE BASIN - EASEMENT	719.0	0% 01-Sep-12 24-Feb-14	31-Dec-17		:
NIGHTINGALE PUMP STATION REPLACE	NIGHTINGALE PUMP STATION REPLACEMENT - DESIGN	719.0	0% 24-Feb-14			
L_SO_MF_018_S_03_A_A		1460.0	0% 24-reb-14 30-Jan-15	31-Dec-14	_	-   -
PADDY'S RUN WET WEATHER TREATN					<mark>-</mark>   ! !   ! !   <u>  !   !   .</u> !   ! !   !	!
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	_	
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - PRELIM DESIGN REPORT	180.0	30% 31-Jul-11 10% 27-Feb-12	31-Dec-14		_
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - EASEMENT	364.0		31-Dec-14		╃
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - FINAL PRELIMINARY DESIGN DRAFT	93.0	0% 01-Oct-11	31-Dec-14	_	_
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - DESIGN	152.0	0% 01-Mar-12	31-Dec-14		<b>-</b>
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - AD DATE	0.0	0%	24 Dec 44		
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - SUBMIT DRAFT MECH PLANS	28.0	0% 29-Mar-12	31-Dec-14		
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - BID OPEN	0.0	0% 12-Mar-12	04.0		•
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - SUBMIT REMAINING PLANS	30.0	0% 28-Apr-12	31-Dec-14		
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - AWARD	0.0	0% 02-Apr-12			ऻ 🕈 .
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - CONSTRUCTION	1012.0	0% 30-Jan-15			
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - COST ESTIMATE AND CONC DESIGN	30.0	0% 28-May-12			
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - DESIGN REVIEW WORKSHOP	15.0	0% 12-Jun-12			
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - DESIGN	30.0	0% 12-Jul-12			
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - FINAL CONCEPTUAL DESIGN REPORT	30.0	0% 11-Aug-12			1

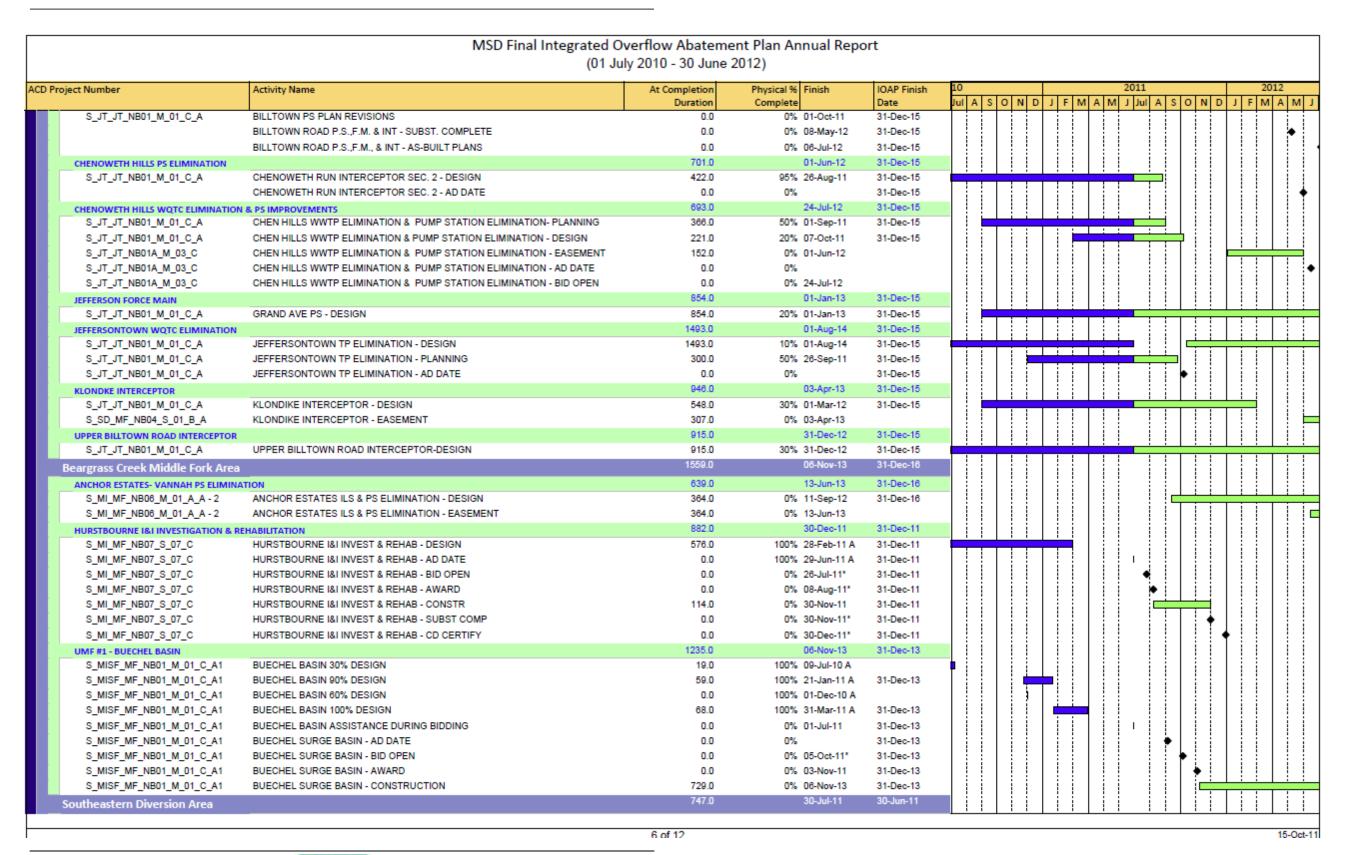




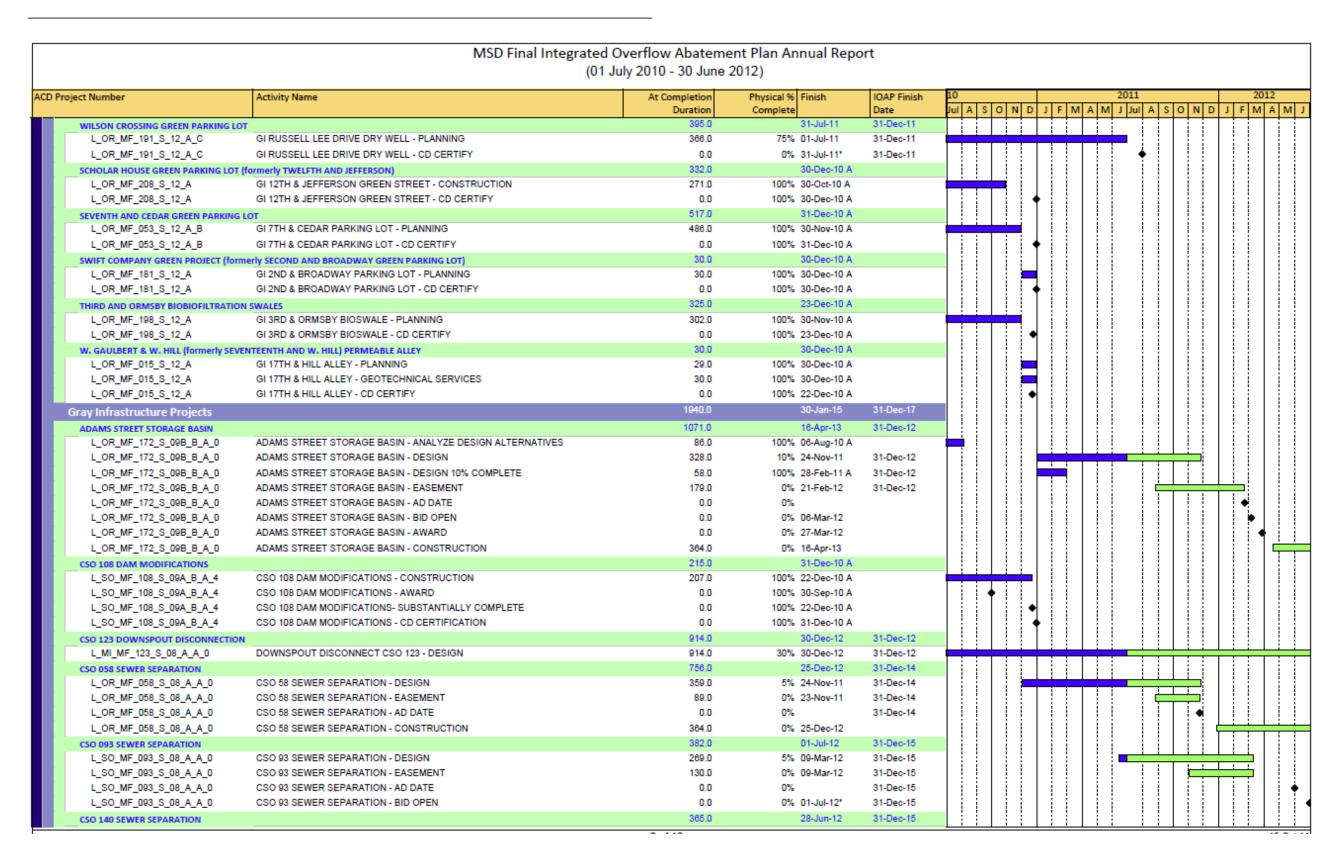




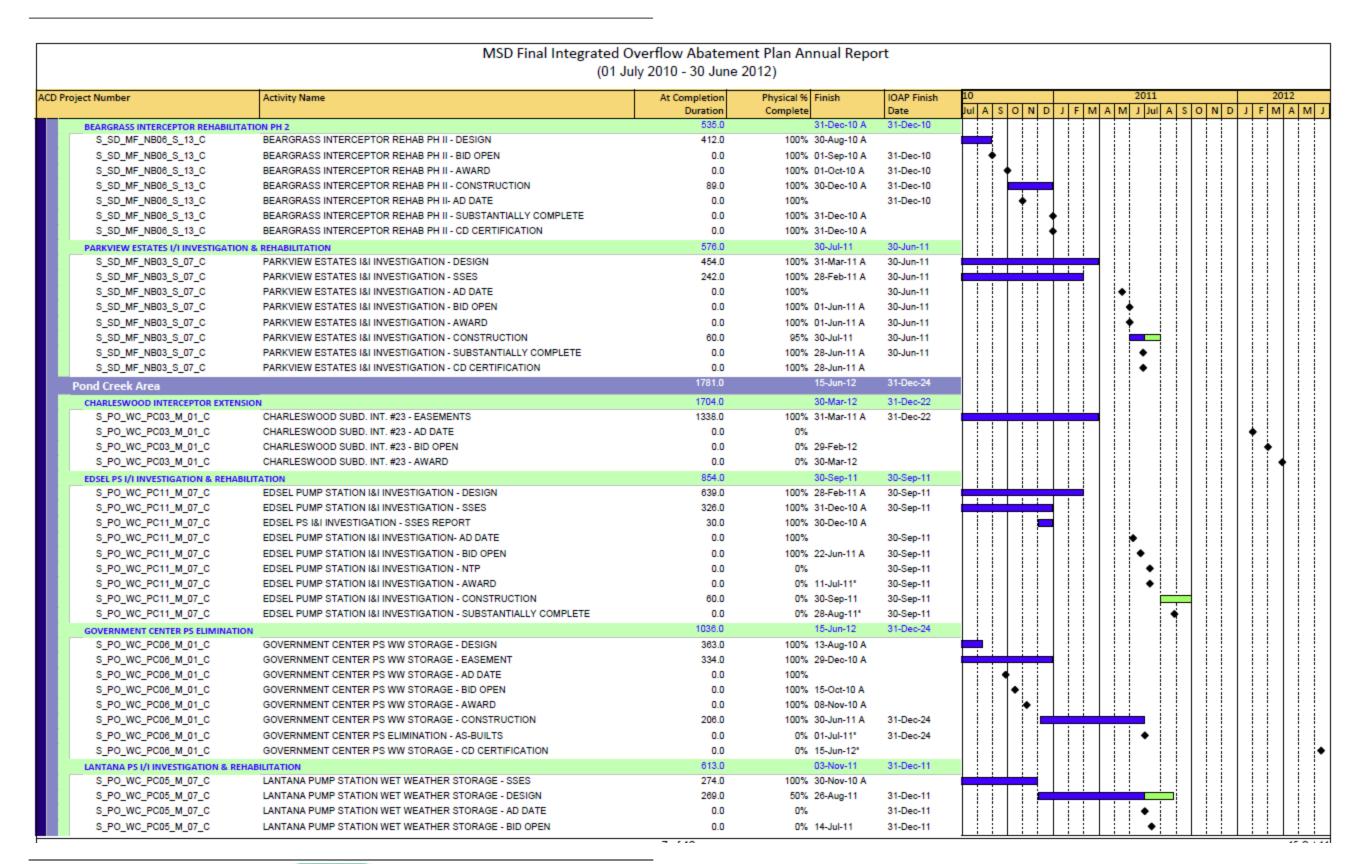














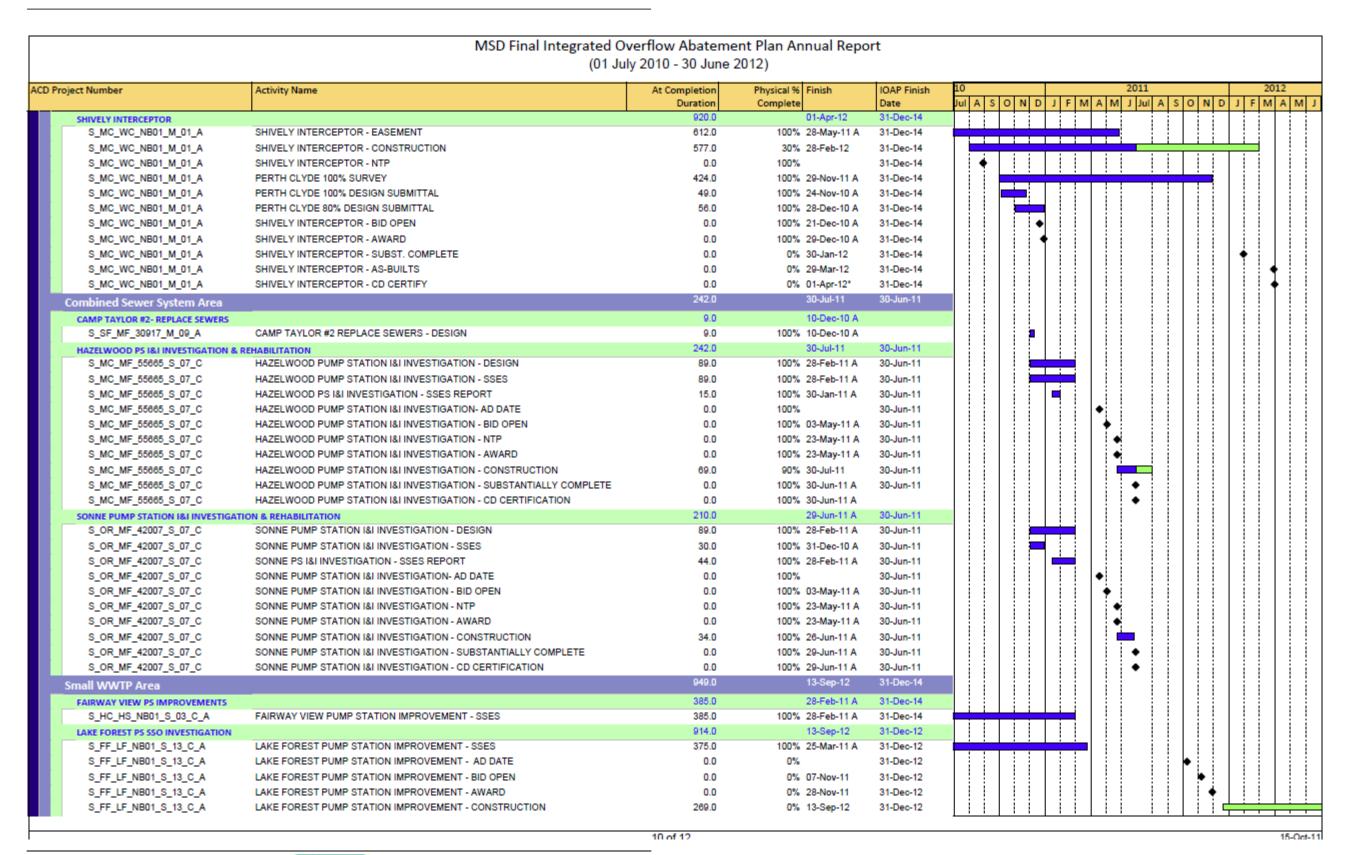
MSD Final Integrated Overflow Abatement Plan Annual Report (01 July 2010 - 30 June 2012)						
Project Number	Activity Name	At Completion Duration	Physical % Finish Complete	IOAP Finish Date	10 2011 Jul A S O N D J F M A M J Jul A S O	2012 O N D J F M A I
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - AWARD	0.0	0% 04-Aug-11	31-Dec-11		
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - CONSTRUCTION	70.0	0% 03-Nov-11	31-Dec-11	-   ! !   ! !   ! !   ! ! ! <del>     </del>	희 !   ! !   !
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - SUBSTANTIALLY COMPL	0.0	0% 03-Oct-11			
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - CD CERTIFICATION	0.0	0% 03-Oct-11			
LEA ANN WAY SYSTEM IMPROVEME	ENTS	296.0	27-Oct-10 A			
S_PO_WC_PC08_M_01_C	LEA ANN WAY SANITARY SEWER I/I REHAB - SSES	296.0	100% 27-Oct-10 A			
Ohio River Force Main Area		1615.0	01-Dec-14	31-Dec-15		
DERINGTON CT PS I/I INVESTIGATIO	N & DEHABILITATION	743.0	12-Feb-13	31-Mar-12		
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 OT PUMP STATION I&I INVESTIGATION - EASEMENT	89.0	0% 24-Mar-12	31-Mar-12		
S_OR_MF_NB03_S_07_C	DERINGTON CT PUMP STATION I&I INVESTIGATION AD DATE	0.0	0%	51-Wai-12		
	DERINGTON OF PUMP STATION ISLINVESTIGATION - BID OPEN	0.0	0% 07-Apr-12			1
S_OR_MF_NB03_S_07_C	DERINGTON CT PUMP STATION I&I INVESTIGATION - BID OPEN DERINGTON CT PUMP STATION I&I INVESTIGATION - AWARD	0.0				
S_OR_MF_NB03_S_07_C	DERINGTON CT PUMP STATION I&I INVESTIGATION - AWARD  DERINGTON CT PUMP STATION I&I INVESTIGATION - CONSTRUCTION	269.0	0% 28-Apr-12 0% 12-Feb-13			
S_OR_MF_NB03_S_07_C	DERINGTON OF FOME STATION INVESTIGATION - CONSTRUCTION	209.0 431.0	U% 12-Feb-13 13-Sep-12	31-Dec-12	_ : :   : :   : :   : :   : :	
LELAND RD SSO INVESTIGATION	LELAND ROAD RELIEF SEWER - EASEMENT	89.0	0% 07-Oct-11	31-Dec-12	<u> </u>	
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - EASEMENT	0.0	0%	31-Dec-12 31-Dec-12		
S_OR_MF_NB02_S_13_C						
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		! <b>†</b>
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - CONSTRUCTION	269.0	0% 13-Sep-12	31-Dec-12	_	
HARROD'S CREEK INTERCEPTOR	LADDODO ODVINT DU L. DEGIGN	1553.0	30-Sep-14	31-Dec-15	<u> </u>	
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	HARRODS CRK FM&I PH. I - 60% DESIGN	61.0	100% 31-Jan-11 A	31-Dec-15		
S_OR_MF_NB04_M_03_B_B	HARRODS CRK FM&I PH. I - 90% DESIGN	58.0	100% 31-Mar-11 A	31-Dec-15		
S_OR_MF_NB04_M_03_B_B	HARRODS CRK FM&I PH. I - 100% DESIGN	207.0	10% 23-Sep-11	31-Dec-15		
S_OR_MF_NB04_M_03_B_B	EPSC PLANS	184.0	0% 31-Dec-11	31-Dec-15		<del></del>
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - EASEMENT	123.0	0% 30-Dec-11	31-Dec-15	_                         <del>     </del>	<del></del>
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - AD DATE	0.0	0%	31-Dec-15		1   🕈
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - BID OPENING	0.0	0% 29-Jan-12			•
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - AWARD	0.0	0% 19-Feb-12			•
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - CONSTRUCTION	894.0	0% 30-Sep-14		_  ! !   ! !   ! !   ! ! !   ! !	
HARROD'S CREEK INTERCEPTOR PHA		1615.0	01-Dec-14	31-Dec-15		
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	_ :  :  :	<del></del>
S_OR_MF_NB04_M_03_B_B	HARRODS CREEK INT PHASE II- AD DATE	0.0	0%			
S_OR_MF_NB04_M_03_B_B	HARRODS CREEK INT PHASE II- BID OPENING	0.0	0% 01-Jun-12			
S_OR_MF_NB04_M_03_B_B	HARRODS CREEK INT PHASE II- AWARD	0.0	0% 02-Jul-12			
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PHASE II - CONSTRUCTION	861.0	0% 01-Dec-14		_	
HUNTING CREEK NORTH		455.0	28-Sep-11	31-Dec-15		
S_OR_MF_NB04_M_03_B_B	NORTH HUNTING CREEK PS & FM - DESIGN	455.0	90% 28-Sep-11	31-Dec-15		
	NORTH HUNTING CREEK PS & FM - 10% SUBMITTAL	71.0	100% 09-Sep-10 A	31-Dec-15		
	NORTH HUNTING CREEK PS & FM - 30% SUBMITTAL	69.0	100% 18-Nov-10 A	31-Dec-15		
	NORTH HUNTING CREEK PS & FM - GEOTECH INVESTIGATION	29.0	100% 17-Dec-10 A	31-Dec-15	_	
	NORTH HUNTING CREEK PS & FM - 60% SUBMITTAL	29.0	100% 17-Dec-10 A	31-Dec-15	_	
	NORTH HUNTING CREEK PS & FM - 90% SUBMITTAL	209.0	0% 13-Jul-11	31-Dec-15		



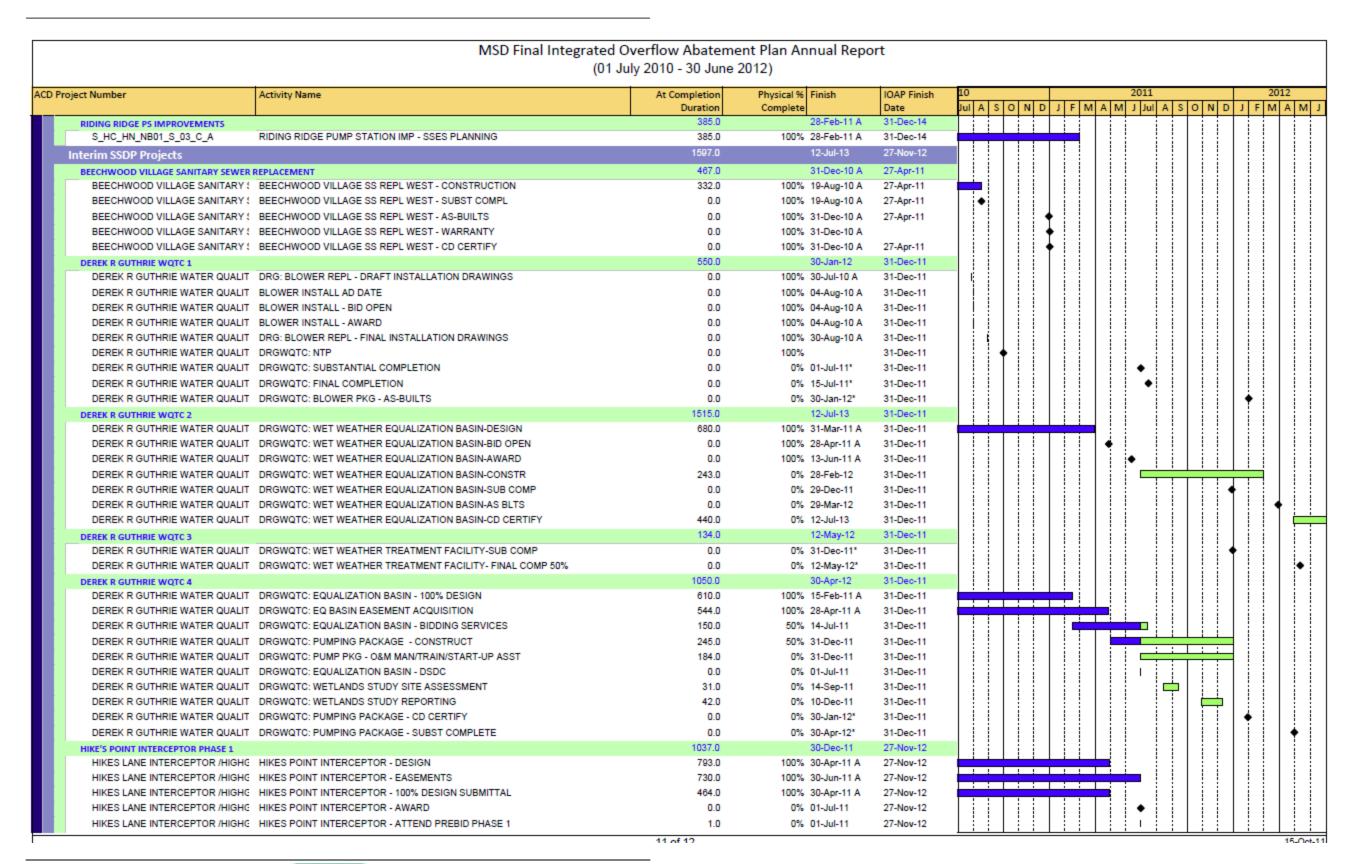
#### MSD Final Integrated Overflow Abatement Plan Annual Report (01 July 2010 - 30 June 2012) IOAP Finish ACD Project Number At Completion Physical % Finish Activity Name Duration Complete Date 851.0 31-Dec-15 RIVER ROAD INTERCEPTOR S\_OR\_MF\_NB04\_M\_03\_B\_B RIVER ROAD INTERCEPTOR - DESIGN 365.0 95% 01-Jul-11 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B RIVER ROAD INTERCEPTOR - AD DATE 0.0 0% 31-Dec-15 122.0 S\_OR\_MF\_NB04\_M\_03\_B\_B 100% DESIGN 0% 30-Oct-11 31-Dec-15 0.0 S\_OR\_MF\_NB04\_M\_03\_B\_B RIVER ROAD INTERCEPTOR - BID OPENING 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 1281.0 01-Jan-14 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B SHADOW WOOD - DESIGN 1281.0 30% 01-Jan-14 31-Dec-15 455.0 28-Sep-11 31-Dec-15 TIMBERLAKE AND HUNTING CREEK SOUTH TIMBERLAKE AND HUNTING CREEK SOUTH - DESIGN 455.0 60% 28-Sep-11 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B 975.0 31-Dec-15 01-Mar-13 HARROD'S CREEK PUMP STATION S\_OR\_MF\_NB04\_M\_03\_B\_B HARRODS CREEK P.S. & F.M. - DESIGN 519.0 60% 01-Dec-11 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-PRELIMINARY DESIGN- 10% MILESTONE 32.0 100% 17-Sep-10 A 63.0 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-HUNTING CREEK WQTC ELIMINATION 100% 19-Oct-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-PRELIMINARY DESIGN - 30% MILESTONE 137.0 100% 01-Feb-11 A 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-SURVEY 44.0 100% 02-Dec-10 A HC/PROSPECT AREA STUDY-FIELD DELINEATION 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B 0.0 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-THREATENED/ENDANGERED SPECIES SURVEY 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-CULTURAL RESOURCES OVERVIEW 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-WATER/WETLAND PERMITTING 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-THREATENED/ENDANGERED SPECIES COORDINA.. 0.0 100% 01-Dec-10 A 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-TASK MEETINGS/COORDINATION S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-PRELIMINARY DESIGN AND STUDIES 0.0 100% 01-Dec-10 A 0.0 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-FINAL DESIGN 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-EASEMENT PLATS 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-MEETINGS AND REPORTS 0.0 100% 01-Dec-10 A 0.0 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-DIRECT EXPENSES 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HARRODS CREEK - 80% PLANS SUBMITTAL 0.0 100% 01-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-SURVEYING 0.0 100% 01-Dec-10 A 0.0 100% 24-Dec-10 A S\_OR\_MF\_NB04\_M\_03\_B\_B HARRODS CREEK - 100% PLANS & CONTRACT DOCS HC/PROSPECT AREA STUDY-FINAL DESIGN- 60% 173.0 0% 30-Jul-11 S\_OR\_MF\_NB04\_M\_03\_B\_B 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B HARRODS CREEK P.S. & F.M. - EASEMENT 610.0 0% 01-Mar-13 31-Dec-15 46.0 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-FINAL DESIGN- 90% MILESTONE 0% 14-Sep-11 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B HC/PROSPECT AREA STUDY-FINAL DESIGN- 100% MILESTONE 62.0 0% 15-Nov-11 31-Dec-15 S\_OR\_MF\_NB04\_M\_03\_B\_B EPSC PLANS 0.0 0% 02-Dec-11 31-Dec-15 HC/PROSPECT AREA STUDY-RIVER ROAD INTERCEPTOR PLAN UPDATE 0.0 S\_OR\_MF\_NB04\_M\_03\_B\_B 0% 11-Feb-12 31-Dec-15 1066.0 26-May-12 31-Dec-21 Mill Creek Area 1066.0 26-May-12 31-Dec-21 EAST ROCKFORD LANE PS RELOCATION EAST ROCKFORD LANE PS RELOCATION - DESIGN 670.0 31-Dec-21 100% 26-Apr-11 A S\_MC\_WC\_NB02\_S\_03\_C S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - AD DATE 0.0 100% 31-Dec-21 S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LN PS RELOC - EASEMENT 30.0 100% 30-Dec-10 A 31-Dec-21 S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - BID OPEN 0.0 100% 07-Dec-10 A 31-Dec-21 0.0 31-Dec-21 S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - AWARD 100% 24-Jan-11 A S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - CONSTRUCTION 330.0 10% 25-Apr-12 31-Dec-21 0.0 S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - AS-BUILTS 0% 26-May-12 31-Dec-21 S\_MC\_WC\_NB02\_S\_03\_C EAST ROCKFORD LANE PS RELOCATION - CD CERTIFY 0.0 0% 26-May-12 31-Dec-21

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# 3.4.1 Project Certification Progress

# FY11 Program

The following table shows the projects completed and certified during the FY11 reporting period:

# **IOAP FY11 PROJECT COMPLETION DATES**

(Sorted By Date Completed)					
Budget ID	ACD Project Number	Project Name	Date Completed	ACD Date	
E08034	BEECHWOOD VILLAGE SANITARY SEWER REPLACEMENT	BEECHWOOD VILLAGE SANITARY SEWER REPLACEMENT	29-Sep-10	27-Apr-11	
H09432	L_SO_MF_121_S_12_A	BILLY GOAT STRUT (formerly CAMPBELL AND MAIN) PERMEABLE ALLEY	8-Oct-10	31-Dec-10	
H09430	L_OR_MF_015_S_12_A	W. GAULBERT & W. HILL (formerly SEVENTEENTH AND W. HILL) PERMEABLE ALLEY	15-Oct-10	31-Dec-10	
H09431	L_OR_MF_053_S_12_A_ C	2300 BLOCK OF CONGRESS STREET (formerly SEVENTH AND MARKET) PERMEABLE	11-Nov-10	31-Dec-10	
H10141	ADDITIONAL RAIN GARDEN PROJECT	CLIFTON TRIANGLE AREA RAIN GARDEN	11-Nov-10	31-Dec-10	
H10039	ADDITIONAL RAIN GARDEN PROJECT	BRANDIES APARTMENTS RAIN GARDEN	15-Nov-10	31-Dec-10	
H10140	SEP PROJECT	CHEROKEE PARK STREAM RESTORATION	3-Dec-10	23-Mar-11	
H09424	L_OR_MF_053_S_12_A_ A	MSD MAIN OFFICE PARKING LOT BIOSWALE	3-Dec-10	31-Dec-10	
H09427	L_OR_MF_198_S_12_A	THIRD AND ORMSBY BIOBIOFILTRATION SWALES	12-Dec-10	31-Dec-10	
H09239	S_SD_MF_NB06_S_13_ C	BEARGRASS INTERCEPTOR REHABILITATION PH 2	14-Dec-10	31-Dec-10	
H09172	S_HC_HC_MSD1086_M_ 07_C_A	FLOYDSBURG RD I/I INVESTIGATION & REHABILITATION	17-Dec-10	31-Dec-10	
H09428	L_OR_MF_022_S_12_A	6TH & MARTIN LUTHER KING (formerly SIXTH AND	28-Dec-10	31-Dec-10	



# **IOAP FY11 PROJECT COMPLETION DATES**

(Sorted By Date Completed)				
		MUHAMMAD ALI) GREEN PARKING LOT		
H09128	L_SO_MF_108_S_09A_B _A_4	CSO 108 DAM MODIFICATIONS	30-Dec-10	31-Dec-10
H09429	L_OR_MF_028_S_12_A	HOUSING AUTHORITY GREEN ROOF (formerly SIXTH AND BROADWAY RAIN GARDEN)	30-Dec-10	31-Dec-10
H09433	L_OR_MF_208_S_12_A	SCHOLAR HOUSE GREEN PARKING LOT (formerly TWELFTH AND JEFFERSON)	30-Dec-10	31-Dec-10
H09425	L_OR_MF_053_S_12_A_ B	SEVENTH AND CEDAR GREEN PARKING LOT	30-Dec-10	31-Dec-10
H09426	L_OR_MF_181_S_12_A	SWIFT COMPANY GREEN PROJECT (formerly SECOND AND BROADWAY GREEN PARKING LOT)	30-Dec-10	31-Dec-10
C85017	NORTHERN DITCH DIVERSION INTERCEPTOR	NORTHERN DITCH DIVERSION INTERCEPTOR	16-Feb-11	31-Jul-11
H10141	SEP PROJECT	POND CREEK TRAIL SEP	19-Feb-11	23-Mar-11
H09194	S_PO_WC_PC06_M_01_ C	GOVERNMENT CENTER PS ELIMINATION	1-Apr-11	31-Dec-24
H09198	S_SD_MF_NB03_S_07_ C	PARKVIEW ESTATES I/I INVESTIGATION & REHABILITATION	28-Jun-11	30-Jun-11
H09181	S_MC_MF_55665_S_07_ C	HAZELWOOD PS I&I INVESTIGATION & REHABILITATION	30-Jun-11	30-Jun-11
H09187	S_OR_MF_42007_S_07_ C	SONNE PUMP STATION I&I INVESTIGATION & REHABILITATION	30-Jun-11	30-Jun-11
H09201	S_SF_MF_30917_M_09_ A	CAMP TAYLOR #1 - SSES	8-Jul-11	31-Dec-11
H09197	S_PO_WC_PC11_M_07_ C	EDSEL PS I/I INVESTIGATION & REHABILITATION	27-Sep-11	30-Sep-11
H09184	S_MI_MF_NB06_M_01_A _A - 2	ANCHOR ESTATES- VANNAH PS ELIMINATION	15-Oct-11	31-Dec-13



# FY12 Program

The following table shows the projects to be completed and certified during the FY12 reporting period:

# **IOAP FY12 PROJECT REQUIRED COMPLETION DATES**

(Sorted By ACD Required Completion Date)						
Budget ID	ACD Project Number	Project Name	Date	ACD Date		
C85017	NORTHERN DITCH DIVERSION INTERCEPTOR	NORTHERN DITCH DIVERSION INTERCEPTOR	16-Feb-11	31-Jul-11		
H09197	S_PO_WC_PC11_M_07_C	EDSEL PS I/I INVESTIGATION & REHABILITATION	27-Sep-11	30-Sep-11		
H09201	S_SF_MF_30917_M_09_A	CAMP TAYLOR #1 - SSES	8-Jul-11	31-Dec-11		
H09221	CPE/CCP MODIFICATIONS TO WQTC	CPE/CCP MODIFICATIONS TO WQTC		31-Dec-11		
H09561	DEREK R GUTHRIE WATER QUALITY TREATMENT CENTER	DEREK R GUTHRIE WQTC		31-Dec-11		
H09219	S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVESTIGATION & REHABILITATION		31-Dec-11		
H09444	L_OR_MF_191_S_12_A_A	I-264 AND GIBSON DRY WELL		31-Dec-11		
H09442	L_OR_MF_189_S_12_A	I-264 OFF-RAMP DRY WELL		31-Dec-11		
H09443	L_OR_MF_019_S_12_A	I-264 ON-RAMP DRY WELL		31-Dec-11		
H09446	L_OR_MF_191_S_12_A_B	JFK MONTESSORI AREA DRY WELL		31-Dec-11		
H09193	S_PO_WC_PC05_M_07_C	LANTANA PS I/I INVESTIGATION & REHABILITATION		31-Dec-11		
H09445	L_OR_MF_191_S_12_A_C	RUSSELL LEE DRIVE DRY WELL		31-Dec-11		
TBD	ADDITIONAL RAIN GARDEN PROJECT	TBD		31-Dec-11		



IOAP FY12 PROJECT REQUIRED COMPLETION DATES					
(Sorted By ACD Required Completion Date)					
TBD	ADDITIONAL RAIN GARDEN PROJECT	TBD	31-Dec-11		
H09190	S_OR_MF_NB03_S_07_C	DERINGTON CT PS I/I INVESTIGATION & REHABILITATION	31-Mar-12		
H08358	SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	SOUTHEAST DIVERSION STRUCTURE & INTERCEPTOR	12-May-12		

#### 3.5 Post Construction Compliance Monitoring Program

Within the Integrated Overflow Abatement Plan, monitoring efforts that support the impact evaluation of both project and plan implementation are discussed in Volume 1, Section 6.5 - Post Construction Compliance Monitoring (PCCM). These efforts are incorporated into MSD's overall environmental data monitoring and management planning and activities, which support various MSD initiatives including operational support, the Municipal Separate Storm Sewer System (MS4) program, hydraulic and water quality modeling, and a range of regulatory reporting and trending requirement. For the IOAP specifically, the PCCM efforts will allow for an evaluation of the efficacy of various projects in meeting regulatory targets and adjusting as needed.

As such, during development of the Integrated Overflow Abatement Plan (IOAP), detailed and calibrated sewer models were built to assist in analyzing hundreds of solution alternatives for sewer overflow mitigation. A large amount of data was generated within each model representing existing sewer conditions and various solutions and solution combinations throughout the various collection systems. Since the approval of the IOAP, the sewer models have continued to be refined using additional field monitoring data.

As implementation of the IOAP continues, the sewer models increasingly support critical planning and design decisions on sizing, location and operation of new facilities (storage basins, pump stations, gates, etc.) as well as reporting MSD's compliance with the IOAP's anticipated efficacy. In January 2012, the following efforts for these sewer hydraulic models will begin with anticipated 18 month duration:

- Engineering design support for approximately 40 projects
- Capacity assurance evaluations for requests for new capacity
- Rain event analyses for regulatory reporting
- Field survey and reconnaissance for improving hydrologic & hydraulic accuracy
- Sewer modeling calibration using data from the expanded flow monitoring and rainfall networks



- IOAP capital project assessment resulting from model calibration
- IOAP capital project impact negotiation with the EPA and KDEP
- Green infrastructure assessment for five CSO basins
- Sewer model integration for newly connected service areas (DRG, Morris Forman, Jeffersontown WQTCs along with Prospect area and Hite Creek WQTC)
- Model exhibit development (maps, tables, videos, schematics and diagrams)
- Real Time Control integration assessment of new facilities
- Two-dimensional modeling of the combined sewer system including flood protection system, Ohio River and Beargrass Creek influences
- Post-construction compliance monitoring evaluation, conclusions and reports for completed IOAP projects (approximately 20 projects)
- Data management for all historical and upcoming analyses, memoranda, reports and exhibits for utilization throughout MSD

The following is a brief discussion of activities completed during FY11 and activities planned for FY12 related to each element:

- Environmental Data Integration Site Development Implemented the integrated data site and began in the import of monitoring data sets rainfall, sewer flow, stream data, plant information data from SCADA, laboratory data etc. By February 28, 2012, MSD will develop and release the geographic user interface associated with this site and complete the data import as well as begin development of standard reports that will monitor data quality, trigger alerts and allow trending of site behavior.
- Quality Assurance and Quality Control Definition and Implementation Completed draft QA/QC procedural document. As the integrated data site is completed, the document will be finalized and quality control measures will be implemented.
- Green Demonstration Project & Programmatic Monitoring and Assessment Continued monitoring green demonstration projects that have been constructed. Developed green project suites for two CSO basins and installed additional monitoring equipment to characterize the drainage area in cooperation with the EPA Office of Research and Development. Developed detailed monitoring plans for both CSO basins in preparation for construction in the coming year. By December 15, 2011, projects from the suite will begin construction in the smaller of the two CSO basins including the installation of monitoring instrumentation. A full business plan will be developed to analyze the cost effectiveness of green infrastructure versus gray prior to committing to construction in the larger area by January 31, 2012.
- Sewer Hydraulic and Stream Water Quality Modeling for Impact Analyses Completed calibration and updates of sewer models for each MSD collection system and began the analysis of impacts on IOAP project sizing and costs. MSD will complete this impact evaluation by January 31, 2012 and communicate results to the EPA and KDEP accordingly through a formal submittal to be completed by June 30, 2012. MSD will also



procure services to perform calibration and impact analysis for another modeling effort as additional system is collected by January 15, 2012. Compliance evaluations for completed IOAP projects will begin by January 31, 2012 with a minimum of 5 projects to be fully evaluated for compliance by June 30, 2012. A revised CSO AAOV table resulting from the recently completed model calibration is included as **Appendix C**.

- Water Quality Sampling for IOAP Projects and the Long Term Monitoring Network –
  Continued recreational contact sampling throughout this same network 5 times per
  month during the recreational contact season. Pre-construction wet weather sampling
  around the 'Big 4' ISSDP projects was completed. MSD will issue an RFP for wet
  weather sampling within its monitoring network by January 31, 2012, and continue
  recreational contact sampling.
- Sewer Flow Monitoring Network Expansion Maintained sewer flow monitoring network and enhanced site notifications in MSD's Telog Enterprise system. The second phase of network expansion was procured and more than 80 additional sites were installed. MSD will complete this expansion by January 15, 2012, and procure additional equipment to further expand its remote sewer monitoring system by an additional 150 sites and begin equipment installation with an anticipated completion date of December 31, 2012.

Collectively, this monitoring equipment serves a multitude of purposes including the following:

- 1. Real-time system monitoring and operational adjustments
- 2. Event reporting and characterization
- 3. Sewer system model calibration and validation
- 4. Project regulatory compliance evaluation and efficacy
- 5. Programmatic compliance evaluation for the Consent Decree and the
- 6. Municipal Separate Storm Sewer System Permit
- Stream Flow & Ambient Monitoring Continued MSD's partnership with the USGS with an annual cost and resource share for the maintenance of stream flow gauges and data sondes that are installed at the Long Term Monitoring Network locations. This data is reported by telemetry to the USGS public website as well as MSD's internal Contrail website. These monitoring efforts will continue through FY12.
- Rain Gauge and Radar Rainfall Data Collection Continued to operate an established rain gauge network of 18 gauges that report data every 5 minutes through telemetry. In addition, MSD receives 4-hour predictive and real time radar rainfall data from a vendor across approximately 700, 1-square kilometer pixels that cover the county. The vendor also delivers a gauge-adjusted radar rainfall data set at the end of each month.

This data is used to support operational decisions as rain events are approaching and are occurring. The Real Time Control system also utilizes the rainfall data to run simulations and develop set points for control sites throughout the combined sewer system. The radar rainfall is also used for modeling simulations that support various





planning and design decisions. The radar rainfall data along with rain gauge and stream monitor information is served to users through an internet application. Collection of data from the rain gauge sites and the radar rainfall vendor will continue in the next year and MSD will procure equipment to upgrade the existing rain gauges as well as install new sites with an anticipated completion date of June 30, 2013.

Fish, Algae, Macroinvertebrate and Habitat Surveys – Continued working with the
University of Louisville to complete an algae analysis for collected data. Fish,
macroinvertebrate and habitat surveys will be procured in the coming year for MSD's
Long Term Monitoring Network sites. MSD will prepare the bi-annual Water Quality
Synthesis Report by December 31, 2011, which will include trending and regulatory
performance reports for FY10 and FY11 for sites collecting dissolved oxygen and fecal
coliform information.



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

#### **4.1 Public Notification Program**

MSD produced and distributed a number of products aimed at notifying the community on the objectives of Project WIN and how to lessen the risks associated with coming into contact with sewage overflows. The following activities occurred within FY11 or are scheduled to occur in FY12.

## 4.1.1 Overflow Advisory Signs

#### FY11 Program

- Completed the annual sign inspection process on March 25, 2010. 1230 signs were inspected. 196 signs were replaced, cleaned or repaired.
- Completed follow-up documentation of the annual sign inspection which concluded on March 25, 2010.
- Installed interpretive signage at 2010 green demonstration project locations including: MSD rain gardens, Office of Employment parking lot, Mazzoli Federal Building parking lot, and Congress Alley.

#### FY12 Program

- Schedule the annual sign inspection process.
- Perform an annual evaluation of the sign location against the documented overflows to ensure all needed signs are in place.
- Perform an evaluation of damaged/defaced signs to determine if relocation could prevent vandalism.

#### 4.1.2 Electronic Notifications

#### FY11 Program

- Notified customers who voluntarily sign up to receive email alerts regarding sewer overflows.
- Provided notification on 11 dry weather unauthorized discharges of more than 1000 gallons.
- Continued the process to evaluate the email alert program and messages and develop an action plan to increase participation in the email program, and to improve retention of those who sign up. Investigating the use of the newly implemented Louisville Metro text/e-mail alert system to broadcast messages to the public.

#### FY12 Program

Continue email alerts to customers who sign up to receive the information.





• Continue to work with the Louisville Metro alert system to increase participation in the email program, and to improve retention of those who sign up.

#### 4.1.3 Print Notifications

# FY11 Program

- Mailed 4427 Project WIN information packets to customers who called with questions about the Amended Consent Decree – specifically regarding overflows, discharges, plumbing modification and the surcharge fee.
- Distributed the annual mailing to residents within 500 feet of Beargrass Creek and Ohio River prior to May 1, 2011. A copy of the letter to residents is provided in **Appendix F**.

#### FY12 Program

- Continue to mail Project WIN information packets to customers who call with questions about the Amended Consent Decree specifically regarding overflows, discharges, plumbing modification and the surcharge fee.
- Continue to send out FOG residential public outreach letters to areas that have FOG issues.
- Distribute notification and informational material, providing a general overview and awareness relating to public health impacts associated with sewer overflows and an update of Project WIN initiatives by May 1, 2012.
- Distribute, prior to May 1, 2012, the annual mailing to residents within 500 feet of Beargrass Creek and Ohio River.

#### **4.2 Public Education Programs**

MSD has developed a public education program aimed at expanding the public's knowledge on MSD's primary business functions of wastewater, stormwater and flood protection, with an emphasis on Project WIN Program elements. The following activities occurred within FY11 or are scheduled to occur in FY12.

- Continued to re-tool public education efforts to address areas of public knowledge requiring additional effort and attention. Planning on modifications to the public education program were initiated in FY11.
- Facilitated tours of the waste water treatment process at the Morris Forman WQTC to the following groups during FY11:
  - A group from the Kentucky Urban Youth on July 1, 2010
  - Students from the CME Speed School on October 1, 2010
  - The Louisville Water Company Board, two students from the CME Speed School and a group from Mercy High School in October 2010.
  - The Army/National Guard visited to primarily learn about our fertilizer production on January 27, 2011.



- Students from Walden High School on February 23, 2011.
- Students from Louisville's Entrepreneur MSD program on March 23, 2011.
- Representatives from Zoeller Pumps on April 14, 2011.
- Students from Jeffersontown High School on April 28, 2011.
- Students from Hanover College on May 18, 2011.
- Members of the Kentucky Housing Council on May 25, 2011.
- Students from Holy Cross High School on September 27, 2011.

#### FY12 Program

- Continue to refine public education efforts to address areas of public knowledge requiring additional effort and attention. Enhancements to the Project WIN website related to public education will be finalized in FY12.
- Participate in the "Water Wonders" cruise on the Ohio River. Over 500 middle school students are scheduled to attend six sessions, in which waste water treatment and nonpoint source pollution will be presented.
- Conduct the 2011 public information survey to enhance the public education programs and initiatives to respond to gaps in public awareness on Consent Decree issues.

#### 4.2.1 Radio and Television Activities

#### FY11 Program

- Continued to show on Metro TV (Channel 25) the Project WIN 2008 video series a series of seven videos to inform the public about MSD, the Consent Decree and Project WIN. During FY11, the video was shown 103 times.
- Fostered a relationship with MetroTV for the recording and airing of Project WIN messages and the IOAP Public Input meetings.

- Continue to utilize various media outlets, including television, radio and the newspaper, to serve as a conduit for disseminating information to the public.
- Continue communications with Metro TV (Channel 25) to periodically show the Project WIN 2008 video series - a series of seven videos to inform the public about MSD, the Consent Decree and Project WIN.
- Develop a partnership with MetroTV to create educational spots related to Consent Decree projects and initiatives.
- Create a plan to record IOAP input meeting presentations and comments to air on MetroTV and post to the Project WIN website.



#### 4.2.2 Printed Media Activities

#### FY11 Program

- Developed two short videos with details on how residents can positively impact water quality by diligent pet waste pickup. This information was delivered to movie theatre audiences in Louisville Metro on screen prior to the movie.
- Developed an informational flyer that provides a general overview and awareness to the public on health impacts associated with sewer overflows. The flyer provides information to encourage water conservation during rain events, and proper grease disposal. This information was distributed via a 2-page full slick insert in the Sunday October 13, 2010, and November 24, 2010, Courier Journal.
- Developed messages for delivery in printed "strip ads" in the Courier Journal. These ads were published in August, October, and December 2010.
- Advertised to inform the public on Project WIN activities in *Her Scene* magazine.
- Provided the MSD Crosscurrents to all elected officials, internal staff, and customers that
  have contacted MSD with either drainage or a back-up problem. The majority of the
  articles relate to Project WIN. On-line copies of Crosscurrents can be viewed at
  <a href="http://www.msdlouky.org/aboutmsd/cross/cc\_spring10web.pdf">http://www.msdlouky.org/aboutmsd/cross/cc\_spring10web.pdf</a>.
- Provided the MSD *Update* to customers and staff each month. Project WIN related articles are contained in each issue. These publications are available on the MSD Web site. On-line versions of *Update* can be viewed at <a href="http://www.msdlouky.org/aboutmsd/updatenews.htm">http://www.msdlouky.org/aboutmsd/updatenews.htm</a>.
- Continued distribution of Rain Garden Manuals to customers.
- Published and distributed the MSD's Annual Report to customers and staff.

#### FY12 Program

- Continue to place Project WIN ads in the *Her Scene*.
- Continue to send the MSD *Update* to customers and staff each month.
- Continue to send the MSD Crosscurrents to customers and staff.
- Continue to send MSD's Annual Report to customers and staff each year.

#### 4.2.3 Project WIN Website

#### FY11 Program

 Continued to post Project WIN information on the website. On MSD's home page, the Project WIN area provides important information on the condition of area streams and shows a warning if overflows are likely to be happening or have happened in the past 48 hours. Clicking on the Project WIN



logo brings up the Project WIN site, which includes a repository of public documents



related to Project WIN, tips for customers to help control overflows through their personal actions, information about the history and background of Project WIN and a place to sign up for overflow advisory emails warning when significant precipitation has caused overflows in MSD's system. This website can be found at <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>.

- Deployed a new page titled How to be Part of the Solution. This new page will include information on how individuals can help reduce sewer overflows and make a positive impact on stream water quality during their daily activities. This page will be made available in FY11 at <a href="http://www.msdlouky.org/projectwin/solution.htm">http://www.msdlouky.org/projectwin/solution.htm</a>.
- Initiated planning for a new Project WIN website to provide more user friendly format.
  The new web page will include educational and regulatory materials, information on
  behavioral changes, a page for children, and information on Project WIN programmatic
  activities.
- Initiated planning of an IOAP project interactive map application for public use. Mapping will be programmed to show IOAP projects, status, and project fact sheets.

### FY12 Program

- Continue to post Project WIN information on the website.
- Finalize and deploy the enhanced and updated Project WIN website.
- Develop content and format for a Green Infrastructure Program web site.
- Deploy the interactive IOAP project map application.

#### 4.3 Public Outreach Programs

MSD has developed a public outreach program aimed at involving the public on MSD's primary business functions with emphasis on wastewater, storm water and flood protection. The following activities occurred within FY11 or are scheduled to occur in FY12.

#### 4.3.1 Green Infrastructure Workshops and Activities

- Designed and deployed interpretive signage for the 2010 green demonstration projects.
- Facilitated meeting with St. Stephen Church on green infrastructure and rain gardens on August 26, 2010.
- Facilitated meeting with the Green Triangle at Warren Road to discuss the consent decree, green infrastructure, and rain gardens on September 27, 2010.
- Met with the Beargrass Creek Alliance to discuss green opportunities and the impacts on the creek on December 13, 2010.



- Met with the Paris/Germantown Neighborhood Association to discuss green infrastructure, the Consent Decree, and a rain garden project in the area on December 13, 2010.
- Presented on green infrastructure to the University of Louisville sustainable infrastructure course on March 2 and 9, 2011.
- Presented on green infrastructure and the impacts on flooding to the Old Louisville Property Improvement Committee on March 10, 2011.
- Presented on the Consent Decree and green infrastructure at the District 9 Neighborhood meeting on April 12, 2011.
- Presented to the Valley High School Ecology class on green infrastructure on April 12, 2011.
- Presented on green infrastructure, a possible green flooding solution to the Old Louisville Property Improvement Committee on April 21, 2011, and May 26, 2011.
- Facilitated a public meeting and open house on downspout disconnection to Highlands residents on April 26, 2011.
- Facilitated a public meeting on green improvements to the Belvedere on May 10, 2011.
- Facilitated a walking tour of green facilities for the American Society of Flood Plain Managers on May 18, 2011.
- Facilitated a walking tour of green facilities for Bluegrass Pride (Local and rural Kentucky political leaders) on May 20, and June 3, 2011.
- Attended the following "Mayor's Community Conversations"
  - July 19, 2010 Westport Middle School 8100 Westport Road
  - August 16, 2010 Central High School Small Gym 1130 West Chestnut Street
  - September 20, 2010 Iroquois High School Big Gym 4615 Taylor Boulevard
  - October 18, 2010 Seneca High School 3510 Goldsmith Lane
  - March 14, 2011 Carter Elementary School 3600 Bohne Avenue
  - May 9, 2011 Southern High School 8620 Preston Highway

- Schedule rain garden workshops at various times throughout the year.
- Begin planning for additional signage for green demonstration sites and green partnership locations in FY12.
- Continue planning of internal and external workshops explaining the Green Infrastructure Program.
- Continue to attend the "Mayor's Community Conversations".



#### 4.3.2 Clean Streams Workshops and Activities

#### FY11 Program

- Helped mark catch basins with Eastern High School students in May 2011.
- Facilitated the Ohio River Sweep at the Louisville riverfront on June 18, 2011.

#### FY12 Program

Continue to facilitate stream cleanup events and workshops

#### 4.3.3 Outreach Activities for Students

#### FY11 Program

- Continued support for Eastern High School's Environmental Program at Floyds Fork WQTC by providing meeting space on-site for classes.
- Partnered with JCPS to assist with the design of green projects at Portland Elementary, Eastern High School, Roosevelt Perry Elementary, Lincoln Elementary, and Fairdale High School.
- Staffed a booth on September 29, 2010 through September 30, 2010, at the Construction Days event at the Shelby County. Fair Grounds to educate high school students about what we do; including manufacturing of Louisville Green.
- Staffed a booth on September 28, 2011 through September 29, 2011, at the Construction Days event at the Shelby County. Fair Grounds to educate high school students about what we do; including manufacturing of Louisville Green.
- Staffed a booth on October 5, 2011 through October 7, 2011, at the Louisville Water Company Festival to educate school kids about water and wastewater treatment and the environment; including making Louisville Green.
- Staffed a booth on October 8, 2011, at the Sun Valley Community Center for the Rubbertown Community Advisory Council to educate about wastewater processing and Louisville Green.

- Work with partners to maintain the outdoor classrooms at: Brandeis Elementary, Jeffersontown Elementary, DuPont Manual High School, and the Floyds Fork WQTC.
- Assist, as requested, the Environmental Magnet School program development for Portland and Cane Run Elementary Schools.
- Continue support for Eastern High School's Environmental Program at Floyds Fork WQTC. MSD is working with Fairdale High School to design and construct a green infrastructure project on campus.



# **4.3.4 IOAP Project and Program Meetings**

#### FY11 Program

- Provided information to the WWT through the Project WIN website, at www.msdlouky.org/projectwin.
- Conducted Stakeholders Group meetings on November 15, 2010, and June 20, 2011.
   At these meetings MSD provided updates on capital projects, green initiatives and public outreach efforts. The implementation schedule was reviewed, and the status of current and upcoming projects discussed.

- Inform the WWT on the progress of the IOAP by hosting two WWT meetings per year. A
  WWT meeting will be held prior to December 31, 2011, and a second meeting will be
  held prior to June 30, 2012.
- Continue to provide information to the WWT on the Project WIN website, at <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>.
- Develop a sewer overflow abatement project public review and input process by December 31, 2011 to provide an opportunity for interested public to provide input into IOAP projects during the planning and design phases.



# SECTION 5: Capacity Management Operations and Maintenance (CMOM) Annual Report

#### 5.1 Capacity Management Operations and Maintenance Program Activities

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 <a href="https://www.msdlouky.org/projectwin">www.msdlouky.org/projectwin</a>. Highlights of the CMOM program implementation during FY11 are outlined below.

#### **5.1.1 Management Programs**

**5.1.1.1 Table of Organization -** This section describes MSD's Table of Organization. The goal of this section is to ensure each department works efficiently and cooperatively by clearly defining each department's role in the organization in terms of authority, function, position, duties, and relation to other departments. This section also identifies positions currently budgeted and filled.

# M-A-1 Organizational Chart M-A-2 Relationship to other Departments

#### FY11 Program

- Updated the MSD Organizational Chart on a quarterly basis and posted to the MSD Intranet. See **Appendix H** for the latest version.
- Carried 652 approved positions at the beginning of FY11 and 656 approved positions at the end of FY11. This is an increase of 4 full time positions.
- Carried 25 vacant positions at the beginning of FY11 and 24 vacant positions at the end of FY11.

#### FY11 Program

- Continue to hire staff to fill vacant positions.
- **5.1.1.2 Training Programs -** This section describes MSD's Training Programs. The goal of this section is to ensure employee growth and workplace safety, through mandatory training (both initial and ongoing), attendance to conferences and seminars, certification, accurate record keeping of employee training, and incentives such as pay, promotions, and ability to work. All training programs promote MSD's fundamental mission, goals, and policies.

M-B-1 Technical Training M-B-2 Skills Training M-B-3 Safety Training



#### FY11 Program

• Performed training on the following initiatives:

Type of Training	Number of Hours	Number of Sessions
Collection System	154	128
Equipment	686	195
Reporting	43	11
Safety & Hazmat	97	390
Wastewater	92	70

- Administered collection system related training that encompassed 154 hours delivered over 128 sessions. These session included topics such as Sewer Overflow Response Protocol, CMOM- Pump Station PM Training, CSO/Siphon Preventive Maintenance Training, and Sewer Cleaning & Maintenance.
- Delivered 686 hours of training in 195 sessions. Equipment training enables employees
  to maintain and operate the collection system, pump stations and treatment plants.
  Types of equipment training included Backhoe, Combination Sewer Cleaner,
  Excavators, Cranes and various types of lifts.
- Conducted eleven sessions, totaling 43 hours of training, related to data collection and the production of reports. The topics included Excel and SAP for Capital Budget Monitoring.
- Delivered safety training in 390 sessions for a total of 97 hours and included topics such as trenching and excavation safety, bloodborne pathogens, confined space training, atmospheric testing, and emergency response.
- Conducted 92 hours of training, delivered in 70 sessions, related to wastewater treatment process and control. This training included sampling, activated sludge, pretreatment, and small treatment plant SOP's.

- Review training modules that are anticipated to be delivered in the coming year to validate that the training content mirrors any upgrades or enhancements made to actual operations or practices.
- Place additional training materials on MSD's intranet to increase access to training content.
- Initiate Master Mechanic and Master Electrician Competency Guidelines to verify the competencies of employees moving into these positions.
- Deliver training to relevant staff as SOP's related to construction of the Derek Guthrie Water Quality Treatment Center are issued.



**5.1.1.3 Safety Programs -** This section describes MSD's Safety Programs. The goal of this section is to eliminate on-the-job injuries. MSD's Safety Programs include safety committees, confined space entry procedures, district wide safety policies, traffic management, lock out/tag out procedures, and proper use of safety equipment.

## M-C-1 Safety Committee

## FY11 Program

- Conducted quarterly meetings with the Safety Committee. This Committee includes three IFP representatives, Morris Forman WQTC representatives, and Metro Operations representatives.
- Performed random job site inspections, inspections at Morris Forman WQTC, and quarterly inspections with Metro Operations of WQTCs and Pump Stations.

## FY12 Program

 Continue Safety Committee meetings to perform inspections and review policy and incidents. Address safety concerns presented by safety committee members.

## M-C-2 Confined Space Entry

## FY11 Program

- Conducted confined space entry training in accordance with the OSHA Confined Space Entry standard 29 CFR 1910.146 for new employees, and on an "as needed" basis for existing employees who have job descriptions requiring confined space entry.
- Maintained entry equipment and personal protective equipment to provide for safe entry conditions and to maintain compliance with 29 CFR 1910.146.
- Added additional vendor to repair multi-gas monitors in a timely manner.
- Advised personnel on the purchase of multi-gas monitor pumps to replace older pumps.

#### FY12 Program

- Continue to administer training and monitor procedures on confined space entry in order to maintain compliance with 29 CFR 1910.146. Health & Safety personnel will spot check confined space entries to determine compliance with company procedure.
- Ensure that all "Lift Stations" in Metro Ops are correctly labeled as "Confined Spaces" and not "Permit Required Confined Spaces".

## M-C-3 General Safety Procedures

- Established various general safety procedures based on both 1910 & 1926 OSHA regulations, input from internal personnel, and on the specific needs of the district in order to maintain regulatory compliance and provide safe working procedures for employees.
- Conducted fire drills at the Main Office, Central Maintenance Facility, and Morris Forman Water Quality Treatment Center.



- Continue to assess the need to update existing procedures and/or create new procedures as conditions and regulatory requirements dictate.
- Conduct 8-hour refresher training on Hazardous Materials for the Emergency Response Teams
- Conduct fire extinguisher training district wide.
- Conduct annual audiograms district wide.

## M-C-4 Traffic Management

## FY11 Program

 Purchased and maintained traffic control equipment to reduce hazardous operational exposure. MSD provides training on traffic control through licensing and equipment operating training as employees are hired or their job duties require.

## FY12 Program

• Continue to train on traffic control and continue to review existing traffic control equipment to ensure continued compliance with MSD standards.

## M-C-5 Lock Out/Tag Out

#### FY11 Program

Enhanced lock out and tag out procedures as required by the OSHA 29 CFR 1910.147
 Control of Hazardous Energy standard. Procedures are kept, maintained and communicated to employees.

## FY12 Program

- Develop lock out/tag out procedures as equipment is added or replaced, or as processes are changed.
- Work with staff at Morris Forman WQTC staff to enhance existing program as needed based on the changing of equipment and procedures.

## M-C-6 Safety Equipment

#### FY11 Program

 Continued to provide required personal protective equipment to employees at no cost to the employees themselves.

#### FY12 Program

 Maintain safety related equipment or replace the equipment per governing policies or as the need arises.



 Make recommendations on Self Contained Breathing Apparatus air cylinders across all divisions based on equipment expiration dates.

#### **M-C-7 Performance Measures**

## FY11 Program

- Assisted with OSHA inspections. There were no MSD construction site visits from OSHA, which resulted in no NOVs. There were no fines levied.
- Tracked the following safety/worker compensation metrics for MSD employees:
  - Worked 1,215,171.05 hours in FY 11.
  - Recorded 120 safety incidents.
  - Recorded 24 lost time incidents.
  - Filed 120 Worker Comp Claims.
  - MSD staff was off from work a total of 1317 days due to work related issues.
- Ensured that appropriate staff attended mandatory training on: Trench Training, Confined Space, First Aid, Hazmat Response and Fire Extinguisher usage.

## FY12 Program

- Enhance compliance objectives based on NFPA 70E (Arc Flash) by conducting an initial arc flash study at one of the flood pump stations in service.
- Increase the overall number of field inspections conducted to reduce the number of incidents.
- Review existing crane equipment in use at MSD and determine needs in order to ensure compliance with the revised OSHA Crane Standard.
- Develop/revise the signalman and rigging trainings to ensure compliance with the revised OSHA Crane Standard.
- **5.1.1.4 Utility Information Management Systems -** This section describes MSD's Utility Information Management System. The goal of this section is to produce quality information regarding sewer system performance. MSD's Utility Information Management System supports the following programs: management, operations, maintenance, complaint management, and performance indicators.
- M-D 1 Management Information Management Systems
- **M-D-2 Operations Information Management Systems**
- M-D-3 Maintenance Information Management Systems
- M-D-4 Complaint Management and Tracking Information Management Systems
- **M-D-5 Performance Indicators**

#### FY11 Program

• Provided network availability 24/7, 356 days per year.



• Continued enhancement of The Project WIN website with updated information related to the Amended Consent Decree. Some of the general statistics for these sites include:

Number of Visits: 139,919

Average Number of Visits per Day: 383

- Average Visit Duration: 31 Min

Number of Unique visitors: 38,371

- One time visitors: 28,822 (75%)

- Repeat visitors: 9,549 (25%)

- Average Visits per visitor: 3.65

- 102 different countries viewed the site

- The top 5 files downloaded during the last year (by non-MSD employees) were:

- Consent Decree Fiscal Year 2010 Annual Report
- Volume 1 Integrated Overflow Abatement Plan Approach
- Louisville and Jefferson County System Capacity Assurance Plan (SCAP)
- Quarterly Report Number 21: October 1, 2010 December 31, 2010, dated January 30, 2011
- Volume 3 Interim Sanitary Sewer Discharge Plan Project Fact Sheets and Maps
- Tracked 1382 visitors to the site that lasted for at least 2 hours.
- Maintained a helpdesk system to track and respond to requests from users.
- Utilized a wide variety of software to operate the day to day business activities associated with wastewater collection, conveyance and treatments. The usage distribution, of the major Utility Information Management (UIM) applications, is shown in the chart below.



Utility Information Management (UIM) Applications	
eB	560
GIS	560
Crystal Reports	228
EGIS	116
Hansen	563
InforWorks	28
LIMS	84
OneRain	23
Performance Measures	563
SAP	289
SCADA	24
Telog	30
GPS	23

- Upgraded the EGIS application to newer web standards and enhanced the information shown.
- Continued to upgrade/migrate the Hansen management system to the lastest release (Version 7.7 to Version 8.2.3)
- Implemented a vehicle tracking system which used GPS and cellular technology for supervisors and dispatch.
- Completed the physical construction of the Information Systems' Disaster Recovery (DR) site at the Cedar Creek Water Quality Treatment Center.

- Continue to post information on the Project WIN website and upgrade the look and feel to improve its layout and functionality.
- Continue to upgrade systems and performance with server and network upgrades.
- Continue the Hansen 8 conversion project with an expected "go-live" date near the end of the FY12 reporting period.
- Bring up systems and application at the DR site and make it fully operational.
- Migrate from Novell's GroupWise email stem to Microsoft's Office 365 Exchange/Outlook in the cloud to improve email reliability and availability for disaster recovery.
- Continue to enhance the SharePoint site with additional data.



**5.1.1.5 Engineering Programs -**This section describes MSD's Engineering Projects. The goal of this section is to maintain accurate plans of current sewer system infrastructure, oversee construction quality of new infrastructure, and conduct assessments to maximize the efficiency of current WQTCs. MSD's engineering programs include the following: collection and transmission system plans, system inventory, mapping, sewer system design, sewer construction, construction inspection, acquisition considerations, continuing sewer system assessment (CSSA), infrastructure rehabilitation, and a system capacity assurance plan (SCAP).

## M-E-1 Collection and Transmission System Plans

M-E-2 System Inventory

M-E-3 Mapping

## FY11 Program

- Scanned construction plan sheets into the eB imaging system. 113 projects were added to eB.
- Deployed the initial version of a new GIS application (HARP) for use with the Hansen software.
- Captured assets in the GIS and asset management software. Approximately 321 property service connections and 47,319 feet of sewer were added.
- Migrated the Pump Station database into Hansen for work order management.
- Received data correction sheets from field staff.

## FY12 Program

- Continue to scan plans and update data in the GIS and asset management software from the collection and transmission plans.
- Complete the WQTC equipment inventory in Hansen and train operations staff on the use of the software.
- Continue the development of the HARP application.

## M-E-4 Sewer System Design

## FY11 Program

- Completed the revisions to the design manual. The design community was notified by e-mail, the webpage, and at meetings held with Home Builders, Engineers, Developers and Contractors. Three training classes were held on September 28 and September 30, 2010.
- Posted the revised Design Manual to the MSD website in December 2010. Updates to the manual will occur as needed.
- Continued use of new Autocad templates to the MSD public Web page, including new AutoCad 3D templates, for use by private firms as well as in-house design.





• Continue implementing the program to finance replacement of private sewer service lines at property owner request.

M-E-5 Sewer Construction
M-E-6 Construction Inspection
M-E-7 Acquisition Considerations

## FY11 Program

- Upgraded the project tracking software to Primavera 6.
- Financed capital expenditures of \$\$168,782,936 (includes capitalized project management and administration costs).
- Committed professional services funds of \$11,178,308
- Committed construction funds of \$42,213,662
- Awarded construction contracts valued at \$41,972,194
- Processed total change orders equaling \$555,189
  - MSD-requested scope change 95%
  - Unforeseen conditions 0%
  - Design error or omission 5 %
  - Final compensating quantities 0%
- Acquired 82 easements at a cost of \$1,628,271.
- Acquired the following properties in fee simple:
  - 3515 Newburg Road \$3,450,000 for easements associated with the Southeastern Interceptor Relief Sewer.
  - 405 Mockingbird Valley Road \$37,000 paid into Court for condemnation proceedings for 0.459 acres required for the new Mellwood Pump Station.

## FY12Program

 Complete the migration to tracking performance measures and project milestones through SharePoint.

#### M-E-8 Continuing Sewer System Assessment (CSSA)

• Provided details on the CSSA activities for FY11 in **Appendix I: CSSA Annual Report.** 

#### M-E-9 Infrastructure Rehabilitation

• Refer to Section 3: Program Activities for Discharge Abatement Plans for more details on infrastructure rehab projects.



## M-E-10 System Capacity Assurance Program (SCAP)

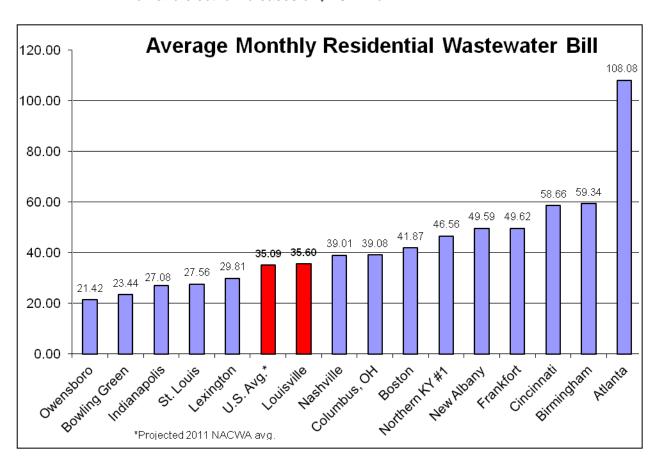
- Continued to collect formula-based defect inspection of significant footage of sewer lines in various sewersheds across the county. This information is being used to prioritize cleaning and rehabilitation efforts that will remove inflow and infiltration from the system and create capacity credits.
- Enhanced the tracking of Pump Station capacities, reviewed drawdown testing results and identified action items pertaining to deficiencies. Critical results of this effort are being documented on each asset within the Hansen system.
- Continued sewer line inspections in sewer sheds across the county. Refer to the FY11
   CSSA Annual Report in Appendix I for a progress update.
- Managed the Lateral Extension Program in accordance with the SCAP, with the following details:
  - Approved 73 lateral extension contracts with projected flow of 487,122 GPD.
  - Denied approval of 6 lateral extension projects with projected flow of 74,214 GPD due to capacity limitations with the following details: lack of capacity at Jeffersontown WQTC (3 times), lack of capacity at a downstream pump station or collection system (2 times), non capacity related issue (1 time).
  - Conditionally approved 127 additional lateral extension projects with projected flow of 1,613,700 GPD, contingent upon programmatic activities, such as completion of WQTC.
- Tracked WQTCs capacities and new development flows in accordance with the SCAP.
- Refined pump station capacity investigation needs from the pump testing and deficiency identification process. Remedial actions have been initiated for the highest priority stations.
- Completed a capacity credit evaluation spreadsheet and tracking mechanism in Hansen for each credit catchment and updated with approved new flows. Rehabilitation efforts using existing sewer condition data will be advanced to remove inflow and infiltration and generate capacity credits in those areas demonstrating need.
- Developed and presented a SCAP training module to staff in December 2010.
- Published additional GIS information related to the sewer condition.
- Updated the SCAP planning document to adjust the programs details and direction as the plan is implemented and improved.
- Continued to work on the procedures for documentation of rehabilitation and the calculation of SCAP credits.



- Continue to perform formula-based inspection of sewer lines in various sewer sheds across the county. Refer to the CSSA Annual Report in **Appendix I** of this report for an update on the areas selected for inspection.
- Continue tracking pump station capacities through testing, investigation and capacity evaluations.
- Update water quality treatment center capacities and track new development flows.
- Generate inflow and infiltration reduction projects and calculate related capacity credits.
- Update the SCAP training module and train staff.
- Continue to enhance credit calculation protocols and tracking in Hansen.
- Continue to enhance on the procedures for documentation of rehabilitation and the calculation of SCAP credits.
- Conduct a programmatic gap analysis of implementation processes, procedures, outcomes, and recommend program enhancements/refinements for both the CSSA and SCAP programs.
- **5.1.1.6 Sanitary Sewer Overflow Reporting and Notification Program -** This section describes MSD's Sanitary Sewer Overflow (SSO) Reporting and Notification Program. The goal of this section is to maintain accurate, up to date records of SSOs and to ensure proper, timely notification of the agencies and organizations through un-permitted discharge reporting, SSO notification, and tracking.
- M-F-1 Unauthorized Discharge Reporting
- M-F-2 Sanitary Sewer Overflow Notification
- M-F-3 Tracking Sanitary Sewer Overflows
  - Refer to Section 2: Sewer Overflow Response Protocols for detailed information.
- **5.1.1.7 Financing and Cost Analysis Program -** This section describes MSD's Financing and Cost Analysis Program. The goal of this section is to provide a detailed cost analysis for both the capital and operational costs of MSD for use in future budgeting and decision making. The following cost analysis programs are included in this section: operations, maintenance, capital improvement program funding, management, life cycle, and budget and customer rate setting.
- **M-G-1 Operations Cost**
- **M-G-2 Maintenance Cost**
- M-G-3 Capital Improvement Funding
- M-G-4 Management Programs Cost
- M-G-5 Life Cycle Cost
- M-G-6 Budget and Customer Rate Setting



- Reported Operating Revenues growth of 8.2% in FY11 (\$185.7 million in FY11 vs. \$171.6 million in FY10).
  - Determined FY 2011 operating revenues were \$2.5 million more than the budgeted amount (\$183.2 million).
  - Determined wastewater & storm water revenues were \$4.1 million more than budgeted & miscellaneous income was \$1.6 million less than budgeted.
  - Reported investment income of \$33.7 million was \$18.3 million more than the budget of \$15.4 million.
- Reported debt service coverage of 169%. This was down from 170% in FY10.
  - Reported total operating expenses of \$135.5 million were \$7.1 million more than FY10 and \$990,000 more than FY11 budget of \$134.6 million.
  - Determined major contributors to the increase from last year were labor & related overhead increases of \$4.6 million, maintenance & repairs increases of \$1.2 million and electric increases of \$2.0 million







- Set the operating budget at \$111,794,000 and the capital budget at \$208,258,000.
- Anticipate no new bond issues for FY12, but \$80 Million bond issue in FY13, to fund the capital program.

**5.1.1.8 Equipment and Tools Management and Maintenance Program -** This section describes MSD's Equipment and Tools Management Programs. The goal of this section is to facilitate efficient repair and support of MSD's sewer systems through an accurate spare parts inventory, a timely equipment maintenance schedule, vehicle repair, and needed tools and supplies.

## M-H-1 Spare Parts Inventory Management

## FY11 Program

- Reviewed security scan control pads access for inventory control measures.
- Processed over \$20,000.00 in obsolete material from old equipment.
- Suspended Bar-Code Scanning Project for cost savings due to budget cuts.
- Continued improvements with annual physical inventories at Morris Forman, CMF and Hite Creek Storerooms. Cut labor time by 25%.
- Scheduled monthly manager meetings to improve communication with other divisions, which enhanced customer service.
- Revised Engineering drawings of all grates and lids in Storeroom for security initiatives throughout the community, where theft is becoming an issue. Submitted drawings for standard revisions.
- Set tighter controls on Exchange/Request Storeroom process for improved security and departmental budget cuts.

- Continue review of security scan control pads access for inventory control measures.
- Continue to work with IFP to reduce the inventory of obsolete materials.
- Continue improvements to annual physical inventories at Morris Forman, CMF and Hite Creek Storerooms. Goal: Cut labor time by 10%.
- Continue monthly manager meetings to improve communication with other divisions in efforts to enhance customer service.
- Prepare Customer Service Survey and distribute for improved performance.
- Enhance security controls on Storeroom processes for improved security, safety and improvements with departmental budget costs.



## M-H-2 Equipment and Tools Repair Management

## FY11 Program

- Continued tool inspections for Metro management and report to supervisors.
- Prepared spare parts catalogs for all maintenance and support at Morris Forman and Metro for information purposes.
- Continued meetings of the Security Asset Group sub committees on recommendations of Security Asset Policy and SOP for improvements and tighter security.
- Recycled 200 lbs of UV Spent Bulbs, 2500 gallons of Used Oil, 1120 lbs of plastic bottles, 1340 lbs of aluminum cans, and 5200 lbs of office paper from Metro, CMF and MF locations.
- Placed successful Odor Control Measures at CMF Drying Pit.

## FY12 Program

- Improve tooling lists to cut budget costs and work with Metro and Security to continue tool inspections and prepare Standard Operating Procedures.
- Update spare parts catalogs for all maintenance and support at Morris Forman and Metro for information purposes, and work with IT to develop on-line catalog.
- Continue to assemble the Security Asset group sub-committees to meet on recommendations of Security Asset Policy and SOP for improvements and tighter security.
- Establish set processes for tool check-out and repair to ensure proper usage and controls with internal repair shop.

## M-H-3 Vehicle Repair

MSD's vehicle repair maintenance program addresses over 600 pieces of rolling stock, including automobiles, trucks, trailers, construction equipment (backhoes, mobile cranes, etc.) and specialty sewer maintenance equipment. For the purpose of the CMOM program, MSD established a list of "Mission Critical" (MC) equipment required for sewer inspection and maintenance. "MC" equipment includes:

- Catch Basin Cleaners (mechanical clamshell type)
- High-Pressure Sewer Flusher Trucks
- Tele-Inspection Vehicles
- Vacuum Sewer & Catch Basin Cleaner Trucks
- Sound-Attenuated 6" Trash Pumps

## FY11 Program

MSD Fleet Services performed an analysis on critical equipment maintenance and procurement during the reporting period with the following results:



- Evaluated Mission Critical Equipment Availability:
  - Catch Basin Cleaners (clamshell type) 94.7%
  - Sewer Flushers 97.9%
  - Tele Inspection Trucks 97.8%
  - Vacuum Catch Basin / Sewer Cleaner Trucks 93.8%
  - Sound-Attenuated 6" Trash Pumps 99.7%
  - Average availability for all Mission Critical equipment 96.8%
- Critical Equipment Procured:
  - One (1) Ford / CUES Tele-Inspection Vehicle placed into active status on August 28, 2010.
  - One (1) International / Vactor 2100 Plus, Vacuum Catch Basin / Sewer Cleaner truck placed into active status on September 1, 2010.
- Continued Implementation of the Fleet Management Information System (FASTER)
  - Evaluated and refined Fleet Services work processes and procedures needed for the initial implementation of the FASTER system.
  - Defined the NAPA/FASTER customization and finalized the process for data entry of parts information.
  - Finalized data export requirements from FASTER to SAP (MSD's financial/accounting system). Ran test data for interface and de-bugged.
  - Completed practicality/feasibility study for the conversion of historical fleet maintenance activity data into new FASTER system. Decided historical data retrieval and conversion not practical.
  - Obtained life-to-date fuel and maintenance cost data for MSD Fleet vehicles and equipment and uploaded to FASTER for import into database.
  - Acquired and installed required software and hardware necessary for FASTER implementation.
  - Completed FASTER on-site training for end-user personnel, Sept. 27, 2010, through Oct. 1, 2010.
  - Implemented FASTER "Go Live" on October 5, 2010.
  - Gained hands-on experience with FASTER System and began to investigate reporting anomalies related to equipment availability/downtime data.
  - Achieved an overall average availability of 95% or higher for all MCE (96.8%).
  - Identified issues related to data transfer between FASTER and SAP (MSD internal financial and accounting system).
    - Worked with internal Information Services department and FASTER to configure a solution and implement the required corrective action.





- Provided Fleet Training
  - Completed Vacuum Catch Basin Cleaner "Vactor Advanced Mechanics" factory training program as listed.
    - 4 Fleet Services personnel, September 20-23, 2010.
    - 5 Fleet Services personnel, October 11-14, 2010.
    - 5 Fleet Services personnel, December 6-9, 2010.

- Continue monitoring and reporting availability of Mission Critical Equipment (MCE).
- Target an overall average availability of 95% or higher for all MCE.
- Investigate training opportunities for creating and modifying FASTER Crystal Reports.
- Analyze FASTER system settings and relationships to the generation of accurate fleet data in FASTER generated reports.
- Refine FASTER system settings and/or adjust/modify work processes as required.
  - Identify problematic processes.
  - Critique work processes and FASTER System Settings for relationship to data and reporting anomalies.
- Develop benchmarks for Key Performance Indicators.
- Utilize FASTER System reports to analyze and target areas where improvement is needed.
- Measure certain key fleet performance Indicators to evaluate and enhance department's effectiveness and efficiency. Areas that are frequently measured and evaluated include:
  - Fleet Availability measured as a function of downtime.
  - Fleet Availability measured as a function of the average time to complete work orders.
  - Maintenance measured as a function of preventive maintenance due.
  - Maintenance measured as a function of PM completion rate.
  - Maintenance PM Effectiveness measured as a function of fleet work order activity.
  - Maintenance type of repair, measured as a function of scheduled vs. non-scheduled repairs.
  - Employee Performance measured as a function of indirect (non-billable) labor hours.
  - Employee Performance reported as a function of the technician workstation review.



## M-H-4 Supplies Management

## FY11 Program

- Continued lean manufacturing quality improvements, such as 5-S, in the warehouse non-inventory working area at CMF. 5-S is a system to identify waste and opportunities for improvement, then bring order to the work environment through establishing efficient flow of material, supplies and activities.
- Updated all SOP for Storeroom personnel and work with team to access job description for accuracy.

## FY12 Program

- Continue lean manufacturing quality improvements, such as 5-S, in the warehouse non-inventory working area at CMF. 5-S is a system to identify waste and opportunities for improvement, then bring order to the work environment through establishing efficient flow of material, supplies and activities.
- Update all SOP for Storeroom personnel and work with team to access job description for accuracy.
- Increase recycling efforts to increase Global Improvements.
- Continue to sample "green" products to replace aerosol and maintenance cleaning chemicals.
- **5.1.1.9 Customer Service Programs -** This section describes MSD's Customer Service Programs. The goal of this section is to strengthen and maintain a healthy relationship between MSD and the public through service programs which include complaint management, public information, and public education.

M-I-1 Customer Service M-I-2 Public Information M-I-3 Public Education

## FY 2011 Program

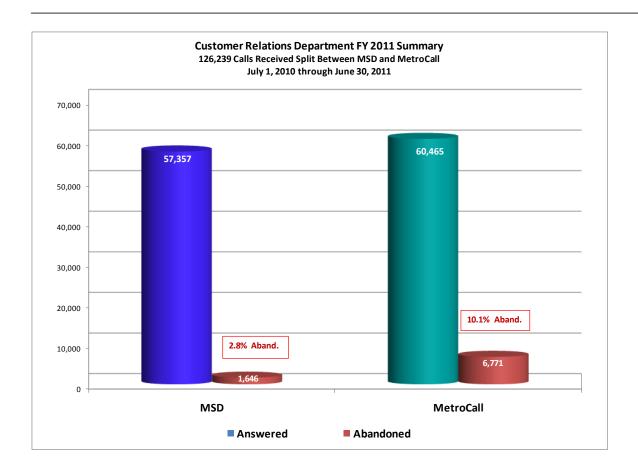
• Received 126,239 calls during this period. The chart below breaks down the calls between MSD and MetroCall. The "311" MetroCall lines are answered by department staff during off-shift and holidays when Metro is closed.



FY 2011 CALL CENTER REPORTING							
		MSD		MetroCall (311)			
	Received	Answered	Abandoned	Hold Time (Minutes)	Answered	Abandoned	Hold Time (Minutes)
Jul 2010	10,961	4,481	80	1.3	5,952	448	0.6
Aug 2010	10,659	5,059	99	1.3	5,098		0.5
Sep 2010	9,911	5,266	125	1.2	4,201	319	0.6
Oct 2010	9,333	4,294	113	1.2	4,672	254	0.6
Nov 2010	8,551	3,910	77	1.2	4,314	250	0.5
Dec 2010	7,526	3,247	70	1.3	3,961	248	1.0
Jan 2011	7,955	3,315	68	1.2	4,241	331	0.5
Feb 2011	8,913	4,069	135	1.3	4,183	526	0.6
Mar 2011	11,129	5,479	168	1.3	4,759	723	0.6
Apr 2011	13,547	6,635	329	1.3	5,580	1,003	1.0
May 2011	13,932	6,155	160	1.2	6,558	1,059	0.6
Jun 2011	13,822	5,447	222	1.2	6,946	1,207	1.1
Total FY 2011	126,239	57,357	1,646	1.2	60,465	6,771	0.7

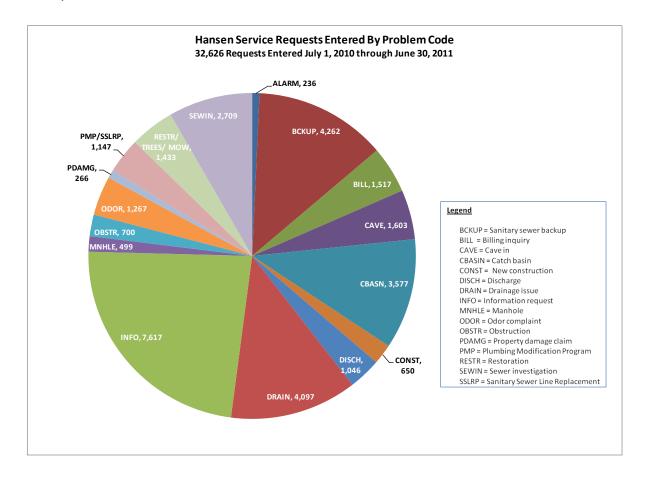
Continued the effort to reduce the percentage of abandoned calls. The abandoned rate
for MetroCalls is significantly higher than for MSD due to differences in Louisville Metro's
new telephone system. MetroCall's system does not allow their staff to finish calls in
queue before switching lines to MSD. This routes as many as 25-35 calls to our lines at
time of switch (7 days each week). MSD has no more than two staff members working
off-shift to respond to both MSD and MetroCalls – at times it is a solo shift.







• Entered 32,626 Hansen Service Requests in FY 2011. The pie chart below reflects the problem code definitions for those entered.



Mailed out 13,394 packets of information or applications.



Customer Relations Department FY 2011 Summary		
Packets Mailed to Customers		
July 1, 2010 - June 30, 2011		
Plumber Modification Program (PMP)/Downspout Disconnect	4,754	
Project WIN Pamphlets/Information (mailed with PMP/Downspout)	4,427	
Rain Garden/Rain Barrel Pamphlets	14	
Sanitary Sewer Line Replacement Program Pamphlets/Applications		
Senior Citizen Discount Applications	1,669	
Sewer/Drainage Rates, Rentals and Charges Info		

- Attended 19 Metro Council District, project update and Mayor's meetings to capture and research customer concerns.
- Assisted 2,471 customers in the department Service Center.

Customer Relations Department FY 2011 Summary		
Service Center (Including Walk-In Customers)		
July 1, 2010 - June 30, 2011		
Administrative Fee	68	
Assessment Payment/Payoff	376	
Capacity Charge Fee	35	
Connection Fee Payment/Payoff	26	
Connection Fee Purchased	31	
CSD/ Map Copies	203	
Drainage Bill Payment	7	
Easement Release Fee	2	
File Research	313	
Haz-Mat Fees	3	
I&IFee	33	
LOJIC	104	
Minor Plat Review	146	
Placing Customers On Charge with LWC	1,090	
Plan Review Fee	4	
Recapture Fees	4	
SSLRP Payment	10	
Water Mgmt File Review	16	
Total Number of Customers	2,471	



- Solicited input from customers by including a survey postcard in the 2010 MSD Annual Report for readers to comment on the subject matter and readability of the report. Results are shown below:
  - Approximately 91 percent of respondents agreed that they gained a better understanding of the origin of sewers in Louisville and how community growth brought change.
  - A little more than 93 percent of readers reported that they learned more about how MSD processes wastewater.
  - Eighty-six percent of responders found the report easy to read and understand.
  - Sixty-five percent of those responding indicated that they gained a better understanding of the importance of green infrastructure in our community.
  - Nearly 70 percent of respondents indicated that MSD's Sanitary Sewer Line Replacement Program zero percent financing could benefit them.
  - Responses from readers reflect that 70 percent were aware that leaving pet waste in our yard or walking path contributes to stream pollution.
  - Seventy-seven percent of readers were aware that running their washing machine and/or dishwasher while it is raining contributes to sewer overflows.
  - Only 51 percent of responders were previously aware that a permit is required before making repairs or building in the floodplain.
  - Eighty percent of readers were aware that MSD's Customer Relations Department answers customer calls on a 24-hour basis.

- Facilitate customer satisfaction call-back program for property owners that have experienced a basement back-up. Survey will identify the level of customer satisfaction with MSD's response and service.
- **5.1.1.10 Legal Support Programs –** The following support programs are included in this section: inter-jurisdictional agreement, ordinances, pretreatment legal support, grease control legal support, service laterals legal support, septic tank haulers legal support, and "Call Before You Dig" legal support.

## M-J-1 Inter-Jurisdictional Agreement M-J-2 Ordinances

#### FY11 Program

Over the past fiscal year, the MSD legal department has provided a variety of legal services designed to support MSD in its efforts to implement programs to abate sanitary sewer overflows as required by the Amended Consent Decree. The services most directly related to this effort include:



- Participated in and/or provided legal advice and other functions pertaining to the procurement of construction and professional service contractors to provide services and/or perform work in furtherance of SSO abatement related projects.
- Participated in the acquisition of properties and/or property interests (easements and/or fee simple ownership) critical to the completion of SSO abatement related sewer construction projects. The department's participation has included assisting in the negotiation and structuring of purchase and sale agreements, drafting acquisition related documents, title research, and performing or providing oversight of the closing of acquisition transactions.
- Participated in the development of MSD's Fats, Oil and Grease (FOG) program, and provided legal advice and assistance in MSD's enforcement of the program, including cost recovery and negotiation of consent decrees with commercial and industrial companies that violated program guidelines.
- Provided legal advice and comments pertaining to compliance functions necessitated by MSD's proposed MS4 NPDES permit.

Continue to provide legal services to support MSD.

M-J-3 Pretreatment M-J-4 Grease Control M-J-5 Service Laterals M-J-6 Septic Tank Haulers Legal Support M-J-7 "Call Before You Dig"

- Information on these programs is provided in Section 1.4 NMC 3: Review and Modification of Pretreatment Programs, 5.1.2.2 Pretreatment Program, 5.1.2.4 Grease Trap Inspection and Enforcement Program, 5.1.2.7 Septic Tank Haulers Program, and 5.1.2.8. "Call Before You Dig" Program.
- **5.1.1.11 Water Quality Monitoring Programs** This section describes MSD's Water Quality Monitoring Program. The goal of this section is to maintain an accurate, consistent record of water quality in receiving bodies of water. Monitoring results are used to determine the effect of effluent discharge and/or spills through the following monitoring programs: routine water quality, investigative water quality, and water quality monitoring for spill impact.

M-K-1 Routine Water Quality Monitoring Programs M-K-2 Investigate Water Quality Monitoring M-K-3 Water Quality Monitoring for Spill Impact

- Information on these programs is provided in **Section 3.5 Post Construction Monitoring Program,** for details on water quality monitoring efforts.
- **5.1.1.12 Contingency Plan for Sewer and Treatment Plant** This section describes MSD's Contingency Plan for the Sewer and Treatment System. The goal of this section is to provide a protocol for emergency response and notification. The following elements are included in this



section: contingency planning process, response flow diagram, public notification plan, agency notification plan, emergency flow control plan, emergency operations and maintenance plan, preparedness training program, water quality monitoring plan, and sewer overflow response protocol (SORP). The SORP requires training for all MSD employees.

## M-L-1 Contingency Planning Process M-L-2 Response Flow Diagram

#### FY11 Program

- Continued implementation of protocols for emergency and disaster response.
- Updated the contact list of names, phone numbers, and responsibilities for emergency and disaster response protocols.
- Created flow charts for components of the disaster response protocol document.
- Continued to administer Emergency Response Pretreatment Inspector (ERPI) training for possible discharges or pollution spill response.

## FY12 Program

- Revise the disaster response protocol document to incorporate lessons learned from previous rain events.
- Continue training planning for disaster response protocols and event critiques.
- Continue to administer ERPI training.
- Develop work plans for FY13 program activities.

## M-L-3 Public Notification Plan M-L-4 Agency Notification Plan

## FY11 Program

- Maintained as part of the emergency and disaster response protocols, inter and intra Agency Notification Plans.
- Maintained the Public Notification Plan as outlined in the SORP. Refer to Section 2:
   Program Activities for Sewer Overflow Response Protocol for more details.

## FY12 Program

• Continue to update protocols and training as outlined in **Section 2: Program Activities** for **Sewer Overflow Response Protocol**.

## M-L-5 Emergency Flow Control Plan M-L-6 Emergency Operations and Maintenance Plan

#### FY11 Program

• Updated procedures for Emergency Flow Control and Emergency Operations and Maintenance.



• Continue to review the Emergency Flow Control and Emergency Operations and Maintenance procedures.

#### M-L-7 Preparedness Training

## FY11 Program

- Administered training for SORP and Emergency Response procedures. For more detail
  on SORP see Section 2: Program Activities for Sewer Overflow Response
  Protocol.
- Refer to Section 5.1.1.2 Training Programs for more details on the number of personnel trained and various preparedness training sessions.

## FY12 Program

- Refer to Section **5.1.1.2 Training Programs** for more details on the goals for training in FY12.
- Continue to administer ERPI training for possible discharge or pollution spill response.

## M-L-8 Water Quality Monitoring Plan

 Refer to Section 3.5 Post Construction Monitoring Program for more details on the MSD Water Quality Monitoring Plan

#### M-L-9 Sewer Overflow Response Protocol (SORP)

 Refer to Section 2: Program Activities for Sewer Overflow Response Protocol for more details on the SORP.

## **5.1.2 Operations Programs**

5.1.2.1 Pump Station Operations Programs - This section describes MSD's Pump Station Operation Programs. The goal of this section is to maintain pump stations for optimal use during routine and emergency operations through well documented operating procedures.

## **O-A-1 Routine Operating Programs**

## FY11 Program

 Completed the update of the U.S. Army Corps of Engineers (USACE) Flood Operations and Maintenance Manual. The project updated the four volumes of the operations and maintenance manuals for the Flood Pump Stations (FPS) to reflect current operational procedures and protocols along with revisions related to changes proposed to reduce dry weather overflows. The new manual consists of two volumes, Volume One covers the flood pumping stations and Volume Two relates to the levee and flood gates. The new manual was completed on June 28, 2011, and submitted to USACE for review.



- Completed the Standard Operating Procedures (SOP) for Flood Pumping Stations, that
  require operational changes to eliminate dry weather overflows, on June 30, 2011, and
  submitted to the USACE for review. These revised SOPs will be included in the USACE
  Flood Operations and Maintenance Manual updates discussed above. The revised SOP
  included schematics recommending operating conditions at different river elevations for
  the combination flood/sanitary pump stations to eliminate dry weather overflows.
- Determined capital project priorities and the budgetary needs during regular meetings with Metro Operations and Regulatory Services staff.
- Continued assessment of the sanitary pump stations based on the previous 2007 draw down deficiency priorities. The new draw down data was compared against the 2007 results to update the baseline operations of each pump station. From November 2009 to June 30, 2011, MSD staff has completed new draw down tests on 206 pump stations. The testing continues to include an assessment of the mechanical and electrical equipment at each station by the Drawdown Investigation Evaluation (DIET) Team. The team consists of two mechanics, electrician, operations supervisor and an engineering technician. During this reporting period, staff completed repairs at 56 sites. After the repairs, drawdown tests were completed at each site showing the pump stations were operating at or above their design. The following table lists the repair activities completed.

FY11 Sanitary PS Repair Activities	Count	Cost
Pump Replacement	12	\$64,037.00
Valve Replacement	7	\$29,444.00
Pump and Valve Replacement	2	\$20,727.00
Electrical Work	3	\$1,000.00
Generator Installation	13	\$377,455.00
Generator Repair	6	\$500.00
Pump Repair	3	\$26,359.00
Miscellaneous	12	\$16,975.00
	Total:	\$536,497.00

- Began the planning to enhance operations and maintenance (O&M) manuals for existing sanitary pump stations that do not have formal O&M manuals. A draft template was created outlining equipment and information requirements needed to standardize O&M manuals for the district. Existing O&M manual inventory was completed and determined MSD has only 87 manuals for the 386 pump stations in the district. Staff prioritized pump stations for the first round of manuals to be created from the Greenline Program.
- Developed a level gauge out of PVC piping to install inside pump station wet wells as a
  field reference to ensure pump station tilt bulbs are maintained at the proper operating
  levels. The gauge has surveyed level markers for the operating levels for each station.
  Sites were selected from the Greenline program for the first installations. Modifications
  are needed because of current wet well configurations. The gauge modifications will be
  completed and initials installation will begin during the next reporting period.



- Complete the review of the USACE Flood Operations and Maintenance Manual, getting
  final approval from USACE. Once final approval is obtained, begin planning training
  staff on the new O&M manuals. Have a plan in place by June 30, 2012, to complete
  training documents. The training documents will concentrate on the revised SOP
  schematics recommending operating conditions at different river elevations for the
  combination flood/sanitary pump stations to eliminate dry weather overflows.
- Continue regular meetings with operations and maintenance staff to determine capital project priorities and advise on the budgetary needs on a quarterly basis.
- Continue sanitary pump station assessments based on the previous draw down deficiency priorities with the Diet Team. The data collected will be used to prioritize rehabilitation and replacement projects.
- Establish SOPs and job aides for Regional Pump Stations. These are sites with design capacities at two MGD or greater and typically have a building. This will include the development of SOPs for wet/dry weather capacity issues at pump stations and conducting annual pump station field training. Draft SOPs to be completed by December 31, 2012.
- Continue the planning to enhance operations and maintenance (O&M) manuals for existing sanitary pump stations that do not have formal O&M manuals. Staff will prioritize pump stations in the Greenline Program. A template O&M manual will be created to standardize equipment O&M requirements for various types of pump station configurations in the district. Once the template is finalized, staff will have a goal to complete 12 new O&M manuals during FY12.
- Complete pump station level gauge modifications and complete initial installations at the East Region Greenline pump station sites.
- Perform system optimization exercises as outlined in **Section 1.6 NMC 5: Elimination** of **CSOs During Dry Weather**. Install flow meters to assist with this initiative.
- Continue to provide backup power at critical pump stations based upon the previously performed prioritization, as described in Section O-A-2 Emergency Operating Programs.

## **O-A-2 Emergency Operating Programs**

- East Region Emergency Generator Project Phase III (Budget ID H10082) During FY11, completed this FY10 project to install permanent stand-by natural gas generators at the following MSD pump stations: Brittany Woods Circle, Devondale, Fairway View Court, and Saurel Drive. Additional landscaping was added at the Brittany Woods site per discussions with the area neighborhood association. All four generators were accepted by MSD.
- West Region Emergency Generator Project Phase III (Budget ID H10084) During FY11, completed this FY10 project to install permanent stand-by natural gas generators



- at the following MSD pump stations: Francell Court, Park Ridge Woods, Sunlight and Tree Line. Additional landscaping was added at the Francell Court site per discussions with the area neighborhood association. All four generators were accepted by MSD.
- Central Region Emergency Generator Project Phase III (Budget ID H10083) During FY11, completed this FY10 project to install permanent stand-by generators at the following MSD pump stations: Griffeytown No. 1, Middletown Christian Village, Monticello Place and Six Mile Lane. Additional landscaping and a screening fence was added at the Griffeytown No. 1 site per discussions with the area neighbors. All four generators were accepted by MSD.
- FY11 Emergency Generator Program Phase V (Budget ID H09337) Continued MSD's emergency generator program by collecting operational and maintenance data for MSD's 280+ pump stations to prioritize sites for generator installation. Data collection included frequency of power outages, over flows (including basement back-ups) and hauling events. This data was graphed with pump station horsepower requirements for the selection process. The list was narrowed down further by looking at site access, how far a pump station is from a maintenance facility, generator installation costs and whether a pump station could be eliminated. For the next phase of the program, 30 pump station sites with 10 in each of the three (East, Central and West) Metro Operations regions will have generator installations. In FY11, staff selected 12 sites, four from each region, for generator installations.
- East Region Emergency Generator Project Phase V (Budget ID H11438) Created project to install permanent stand-by generators at the following MSD pump stations: Ballantrae, Deep Creek, River Creek and Stannye. Staff collected site data and developed specifications and bid documents for each site. The project was advertised on May 2, 2011, and bids were received on May 26, 2011. During the next reporting period, a notice-to-proceed for construction will be issued and all construction activities will be completed.
- Central Region Emergency Generator Project Phase V (Budget ID H11440) Created project to install permanent stand-by generators at the following MSD pump stations: Creel Lodge, Diode Court and Edsel Lane. Staff collected site data and developed specifications and bid documents for each site. The project was advertised on June 3, 2011, and bids were received on July 7, 2011. During the next reporting period, a notice-to-proceed for construction will be issued and all construction activities will be completed.
- West Region Emergency Generator Project Phase V (Budget ID H11078) Created project to install permanent stand-by generators at the following MSD pump stations: Shady Villa, Villa Ana and Wathen. Staff collected site data and developed specifications and bid documents for each site. The project was advertised on March 23, 2011 and bids were received on April 19, 2011. The MSD Board awarded the project on May 23, 2011, and a notice-to-proceed for construction was used on June 6, 2011. During the next reporting period, all construction activities will be completed.
- <u>Caven Avenue Emergency Generator Project (Budget ID H11077)</u> Created this Central Region Phase V project to install permanent stand-by generators at the Caven Avenue



- Pump Station. The project was advertised on November 12, 2011, and bids were received on December 6, 2011. A notice-to-proceed for construction was used on February 4, 2011. The generator was accepted by MSD and all training has occurred.
- Trinity Homes Emergency Generator and Access Road Project (Budget ID H11440) Created this West Region Phase V project to install permanent stand-by generator and a new access road at the Trinity Homes Pump Station site. The existing site is located behind a private property and access is through a grass field. The project will install a new paved access driveway and a generator. Drawings and an easement plat were completed. During the next reporting period, MSD will begin easement acquisition, and if acquired, MSD will advertise and complete all construction activities.
- Shady Villa Access Road Project (Budget ID H09338) Created project to install permanent access road to the Shady Villa Pump Station. The as-constructed access road was gravel, washed out and difficult to access during wet weather. A new concrete driveway was installed. The project was advertised on May 2, 2011, and bids were received on May 18, 2011. A notice-to-proceed for construction was used on June 30, 2011. During the next reporting period, all construction activities will be completed.
- Greenline Analysis Continued to evaluate the Greenline technical memo's
  documentation of the lowest home opening elevations and confirmed pump station asconstructed information. Greenline pump stations were prioritized under the program to
  complete new draw down tests and pump station site assessments. The data from this
  effort has been collected and will be used to plan future rehabilitation projects. The
  future rehabilitation work will also correct any pump station operation level settings to
  prevent line surcharging.

- FY12 Emergency Generator Program Phase VI (Budget ID H09365) Continue MSD's emergency generator program to prioritize sites for generator installation. For the next phase of the program, the remaining pump station sites from the 30 selected during the FY10 and FY11 programs will be reviewed for installations. The remaining sites to be reviewed include: Laurel, Louisville Boart, Floydsburg, McNeely Lake, Perwinkle Way, Dove Lake, Berrytown, English Station and Royster Basin. Once sites are selected, complete design and bid documents for the next round of generator installations.
- <u>East Region Emergency Generator Project Phase V (Budget ID H11438)</u> Complete all construction activities to install permanent stand-by generators at the following MSD pump stations: Ballantrae, Deep Creek, River Creek and Stannye. Once start-up testing has been completed and all sites accepted, staff training will be completed at each site.
- Central Region Emergency Generator Project Phase V (Budget ID H11440) Complete all construction activities to install permanent stand-by generators at the following MSD pump stations: Creel Lodge, Diode Court and Edsel Lane. Once start-up testing has been completed and all sites accepted, staff training will be completed at each site.
- West Region Emergency Generator Project Phase V (Budget ID H11078) Complete all construction activities to install permanent stand-by generators at the following MSD



pump stations: Shady Villa, Villa Ana and Wathen. Once start-up testing has been completed and all sites accepted, staff training will be completed at each site.

- Trinity Homes Emergency Generator and Access Road Project (Budget ID H11440) –
  Finish easement acquisition, advertise and complete all construction activities to install
  permanent stand-by generators at Trinity Homes Pump Stations. Once start-up testing
  has been completed and all sites accepted, staff training will be completed at each site.
- <u>Shady Villa Access Road Project (Budget ID H09338)</u> Complete all construction activities to install the new access road.
- Greenline Analysis Complete the review lowest home opening elevations and confirmed pump station as-constructed information for the West Region. Select other sites not included under the original Greenline Analysis. Staff will prioritize which of these sites shall be included in the analysis. Begin planning and implement field corrections, based on the field information obtained from the lowest home elevations and the as-constructed information, to prevent future home back-ups. Adjust pump station operating levels and install level sensors. Continue evaluation a wet well level gauge for each pump station site to help in O&M.
- **5.1.2.2 Pretreatment Program -** This section describes MSD's Pretreatment Programs. The goal of this section is to protect MSD's sewer system and treatment plants by requiring industrial users to pre-treat their effluent to required levels through industrial user permitting, inspection and sampling and enforcement.
- **O-B-1 Industrial User Permit**
- O-B-2 Inspection
- **O-B-3 Sampling Enforcement**

Administered pretreatment limitations at 5 of its 6 regional WQTCs, 1 of which is in the combined sewer system – Morris Forman WQTC. Additional information related to the MSD Pretreatment Program for the combined sewer system can be found in **Section 1.4 NMC 3: Review and Modification of Pretreatment Requirements.** 

- **5.1.2.3 Corrosion Controls Program -** This section describes MSD's Corrosion Controls Program. The goal of this section is to extend the life of MSD's sewer system by controlling the corrosive effects of Hydrogen Sulfide and other corrosive chemicals in the system through inspection, control measures, monitoring, and performance measures.
- **O-C-1 Inspection**
- **O-C-2 Control Measures**
- **O-C-3 Monitoring**
- **O-C-4 Performance Measures**

- Continued to clean MSD facilities to reduce odors.
- Recorded service requests for Operations into two groups: those that are associated with the Morris Forman WQTC will use the code of MFF and those associated with the remaining WQTCs and Pump Stations will use the code of MOP.



- Continued program development with the following activities:
  - Developed project team and meeting schedule to investigate corrosion.
  - Researched corrosion programs in other cities.
  - Researched technologies for corrosion abatement.
  - Collected and reviewed system information from: ARV/force main inspections, SSES/ICA results, and IWD knowledge.
- Continued to assess the system with the following activities:
  - Defined corrosion inspection areas.
  - Performed a GIS exercise to determine "hot spots" for corrosion.
  - Trained CCTV Inspection Staff on the coding associated with corrosion issues to remain in compliance with the PACP standards.
  - Performed inspection on a pilot area.
- Enhanced asset review and documentation with the following activies:
  - Captured data in PACP format.
  - Produced a report detailing corrosion activities in FY11.

- Continue to clean MSD facilities to reduce odors.
- Continue to assess the pilot areas outlined in FY11.
- Continue to enhance asset review and documentation.
- **5.1.2.4 Grease Trap Inspection and Enforcement Program -** This section describes MSD's Grease Trap Inspection and Enforcement Programs. The goal of this section is to reduce the amount of fats, oils and grease (FOG) that enter MSD's sewer system and treatment plants through permitting, inspection, enforcement, performance measures, and the FOG program.
  - O-D-1 Permitting
  - **O-D-2 Inspection**
  - **O-D-3 Enforcement**
  - **O-D-4 Performance Measures**
  - O-D-5 FOG

## FY 11 Program

- Issued 150 enforcement actions against Food Service Establishments for FOG violations found during reconnaissance and follow-up inspections conducted at Food Service Establishments that recently failed certification by an approved MSD Certified Grease Waste Hauler, as well as collection system grease blockage incidents.
- Conducted a total of 128 inspections. Inspection types are: follow-up inspections at Food Service Establishments recently receiving failed grease control equipment certifications from approved MSD Certified Grease Waste Haulers, inspections at online



Food Service Establishments during biannual recon activities, inspections of new Food Service Establishments and those that have installed new Grease Control Equipment and inspections conducted during investigation of collection system grease blockage incidents.

- Sent 762 FOG residential public outreach letters to residents in neighborhoods in the MSD service area that had FOG issues.
- MSD Certified Grease Waste Haulers conducted 439 Certification Inspections at Food Service Establishments.
- MSD Certified Grease Waste Haulers removed 2,728,311 gallons of FOG from Grease Control Equipment at Food Service Establishments in the MSD service area.
- Conducted 39 Certified Grease Waste Hauler audits.
- Conducted FOG Hot Spot Reconnaissance in October/November 2010 and May 2011.
- Hosted a public education and outreach booth at the Annual Kentucky Restaurant Association Day at the Races Exposition in November 2010.
- Conducted a Certified Grease Waste Hauler training class in April 2011.
- Continued to track and report FOG Program performance measures.
- Initiated a pilot project in which MSD will dose sewer lines with chemicals in order to liquefy the grease and send to treatment.

- Continue to conduct inspections at Food Service Establishments and issue enforcements actions as appropriate for violations of the MSD Wastewater/Stormwater Discharge Regulations.
- Continue to send FOG residential public outreach letters to residents in neighborhoods in the MSD service area that had FOG issues.
- Continue to host a public education and outreach booth at the Annual Kentucky Restaurant Association Day at the Races Exposition.
- Continue to host at least two Certified Grease Waste Hauler training classes.
- Continue to conduct Certified Grease Waste Hauler audits.
- Conduct two FOG Hot Spot Reconnaissance.
- Continue to track and report FOG Program performance measures.
- Continue the grease liquefaction dosing pilot project.
- Develop a residential grease drop off program, in which drop off locations are identified, and small containers are distributed to homeowners to capture grease before it enters the sewer system.
- Review 5-year trends in FOG related blockages and compare to similar performance



metrics from other cities.

- **5.1.2.5. New Connection Tap-In Program** This section describes MSD's New Connection Tap-In Program. The goal of this section is to ensure that future connections do not compromise the capacity of the receiving treatment plant. The program is implemented using a new service taps approval process, inspection, enforcement, and performance measures.
- **O-E-1 Installation of New Service Taps**
- **O-E-1 Inspection**
- **O-E-1 Enforcement**
- **O-E-1 Performance Measures**
- O-E-5 Other

## FY11 Program

- Received plans for 92 projects in FY11. Treatment plant capacity is reviewed prior to approval of any plans based on the SCAP.
- Inspected sewer installations. 102 new property service connections were installed.

## FY12Program

- Continue to review projects for capacity availability.
- **5.1.2.6 Flow Monitoring Field Operation Programs** This section describes MSD's Flow Monitoring Field Operation Programs. The goal of this section is to provide accurate flow data for use in evaluating various aspects of MSD's sewer system. Flow is monitored at both permanent and temporary stations.

## **O-F-1 Permanent Stations**

## **O-F-2 Temp Stations**

- Refer to Section 3.5 Post Construction Monitoring Program for details on water quality monitoring efforts.
- **5.1.2.7 Septic Tank Haulers Program -** MSD does not accept septic tank waste. This is handled through private contractors in Jefferson County.
- **5.1.2.8.** "Call Before You Dig" Program This section describes MSD's "Call Before You Dig" Program. The goal of this section is to prevent the damaging or cutting of sewer lines and subsequent spills through permitting, inspection, enforcement, and performance measures.
- **O-H-1 Permitting**
- **O-H-2 Inspection**
- **O-H-3 Enforcement**
- **O-H-4 Performance Measures**

#### FY11 Program

 Contracted for BUD markings of our facilities. In FY11 the locating contractor was paid \$408,520 to locate our facilities. MSD also paid the KY811 (BUD Center) \$78,029 to participate in this program. In FY11 MSD's locating contractor processed 56,560 requests to mark MSD facilities. MSD made 2,744 requests to the BUD Center for the marking of other utilities in FY11.



 Created 17 Discharge Work Orders, in FY11, for overflows caused by other utilities damaging MSD facilities.

#### FY11 Program

Continue to contract for this service.

## **5.1.3 Maintenance Programs**

**5.1.3.1 Pump Station Preventive Maintenance -** This section describes MSD's Pump Station Preventive Maintenance program. The goal of this section is to prevent unanticipated repairs and subsequent down-time by providing scheduling, staff, and records to perform routine, preventive pump station maintenance. Electrical, mechanical, and physical maintenance are included in this section.

S-A-1 Electrical S-A-2 Mechanical S-A-3 Physical

## FY11 Program

- Continued the process of updating the preventive maintenance and inspection plan for flood pump stations based on a review of the USACE Inspection Guide. Staff is using the Hansen asset management system to track Flood Pump Station work orders as well as associated flood pump station assets such as station related floodgates.
- Continued the inspections on pump station sites that have deficiencies determined during the Draw Down and Greenline Programs. To date, 206 pump stations have been inspected since January 1, 2009. These two programs identify deficiencies in pump performance and evaluate potential improvements possible by modifying set-points in the level controls. Staff proactively inspected critical equipment on site during these inspections. Check lists were created to document the inspection and list corrective actions needed. Corrective work orders were issued as needed.
- Completed the WQTC process equipment inventory in Hansen and started inventory data input.
- Started using Hansen for preventive maintenance task and corrective work orders for sewer lift stations. The model for the WQTC inventory has been developed.
- Developed task lists to facilitate the inspections of the pump stations.

- Complete the process of updating the preventive maintenance and inspection plan for flood pump stations based on a review of the USACE Inspection Guide. Train staff to use the Hansen asset management system to track Flood Pump Station work orders as well as associated flood pump station assets such as station related floodgates.
- Complete the WQTC process equipment inventory in Hansen and inventory data input.
- Complete the process for using Hansen for preventive maintenance task and corrective work orders for sewer lift stations and WQTCs.



- Conduct additional Hansen training for Metro Operations staff, as more PM processes are converted to Hansen.
- Review the existing Preventative Maintenance training materials used for pump station operator training. Develop a plan to update the training materials.
- Perform inspections on pump station sites that have deficiencies determined during the Draw Down and Greenline Programs. These two programs relate only to pump performance and level controls. Staff will proactively inspect critical equipment on site during the inspections. Check lists will be created to document the inspection and list corrective actions needed. Corrective work orders will be issued as needed.
- **5.1.3.2 Force Main Preventive Maintenance -** This section describes MSD's Force Main Preventive Maintenance program. The goal of this section is to prevent unanticipated repairs and subsequent down-time by providing scheduling, staff, and records to perform routine, preventive force main maintenance. The maintenance programs include air release valves and valve exercise and walking the line to find cave-ins on the force main.

## S-B-1 Air Release Valves S-B-2 Valve Exercise Program

## FY11 Program

Completed inspections on the following force mains:

Bircham	Radleigh
Covered Cove	Rubbertown
Hensley Ct	Shady Villa
Hillsdale	St. Matthews #4
Jefferson Hill	Tree Line
John Hancock	West County FM
Lake Forest	Windham
Louisville Boat Club	Wolf Pen Woods
Marina View	Woods of St. Thomas
Ohio River FM	
Old Brownsboro Crossing	
Olde Copper Ct	

- Created valve repair work orders on identified problems.
- Conducted the annual force main program evaluation on December 9, 2010.



Schedule the following force mains for inspection:

Beckley Station	Shively
Cedar Forest	Six Mile
Eastwood/Fisherville	St. Rene
Marian Ct	Stanley Gault
Meadowstream	Stony Brook
Ohio River FM	Valley Park
Raintree	Vintage
Rockview	West County
Rubbertown	

- Complete the annual force main evaluation by December 31, 2011. Adjustments to the inspection schedule will be made based on conditions observed during the inspection cycle.
- Review 5-year trends in activities and performance metrics, comparing to targets established in 2006.
- **5.1.3.3 Gravity Line Preventive Maintenance -** This section describes MSD's Gravity Line Preventive Maintenance program. The goal of this section is to reduce infiltration and increase efficiency of the gravity line system through routine cleaning, root control, and manhole preventive maintenance.
- S-C-1 Routine Hydraulic Cleaning
- S-C-2 Routine Mechanical Cleaning
- S-C-3 Root Control Program
- S-C- 4 Manhole Preventive Maintenance
  - Refer to **Appendix I FY11 CSSA Annual Report** for more details on the Gravity Line Preventive Maintenance Program.
- **5.1.3.4 Equipment and Collection System Maintenance -** This section describes MSD's Equipment and Collection System Maintenance program. The goal of this section is to maximize the efficiency of the collection system by maintaining the supporting equipment.

## **S-D-1 Equipment Maintenance**

## FY11 Program

 Scheduled preventive maintenance on mobile trash pumps during periods when no rain was forecast for an extended period of time, maintaining 100% availability when needed for wet weather pumping.



• Developed performance metrics and tracking systems to ensure critical equipment is available when needed.

## FY12 Program

 Continue to implement FASTER to report on performance metrics to ensure the critical equipment is available when needed.

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

Per requirements of MSD's 2009 Amended Consent Decree, MSD implemented a Comprehensive Performance Evaluation (CPE) and Composite Correction Plan (CCP) program for the District's water quality treatment centers (WQTCs). This program defined specific WQTC improvements to be completed by December 31, 2011. These improvements under this program will be discussed under **Section 5.2.1**. Although the IOAP CPE/CCP improvements will be completed by December 31, 2011, MSD will continue to implement CPE/CCP activities as part of the District's CMOM Program. **Section 5.2.2** will list such activities per WQTC as they occur each reporting period and a comprehensive project schedule for CPE/CCP related capital projects is provided in **Section 5.3 – CMOM Activity Schedule**.

**5.2.1** Amended Consent Decree CPE/CCP Program This section describes CPE/CCP activities completed during FY11 and, if applicable, planned for FY12. All activities under this program will be completed by December 31, 2011.

## 5.2.1.1 Hite Creek Water Quality Treatment Center

#### FY11 Program

 Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## 5.2.1.2 Cedar Creek Water Quality Treatment Center

#### FY11 Program

• Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## 5.2.1.3 Timberlake Water Quality Treatment Center

- Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.
- Requested KDEP minor permit modification approval for the elimination of the polishing pond May 4, 2011. Prepared construction drawings and specification for the lagoon elimination.



Advertise and award the project upon KDEP approval of the minor permit modification.
 The project will be substantially complete by the IOAP December 31, 2011, completion date.

## 5.2.1.4 Hunting Creek North Water Quality Treatment Center

## FY11 Program

 Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## 5.2.1.5 Hunting Creek South Water Quality Treatment Center

#### FY11 Program

• Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## 5.2.1.6 Ken Carla Water Quality Treatment Center

## FY11 Program

• Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## **5.2.1.7 Jeffersontown Water Quality Treatment Center**

## FY11 Program

• Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## **5.2.1.8 Starview Water Quality Treatment Center**

## FY11 Program

• Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.

## 5.2.1.9 Berrytown Water Quality Treatment Center

## FY11 Program

 Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.



# 5.2.1.10 Chenoweth Hills Water Quality Treatment Center

## FY11 Program

- Completed construction project to flood-proof the effluent pump station on November 19, 2010. The project raised the wet well hatch two foot above the flood plain of a tributary of Chenoweth Run which is adjacent to the pump station.
- Completed the process to convert asset management activities from SAP to Hansen by the CPE scheduled date of December 31, 2010.
- **5.2.2 CMOM CPE/CCP Program** This section describes CMOM CPE/CCP activities active during FY11 and being planned for FY12. Schedules for CPE/CCP related capital projects are provided in **Section 5.3 CMOM Activity Schedule**.

## 5.2.2.1 Hite Creek Water Quality Treatment Center

#### FY11 Program

• Continued working on the Facilities Plan Update, establishing the study area and projecting the flow and loads from the service area.

#### FY12 Program

 Complete the alternative analysis for both the collection and treatment systems for the Facilities Plan Update, begin scheduling public outreach meetings and finalize a 50% draft action plan document for staff review.

## 5.2.2.2 Floyds Fork Water Quality Treatment Center

## FY11 Program

 Began construction of the Floyds Fork WQTC Phase 2 expansion. The expansion will provide an average daily design capacity of 5.25 MGD at the current site.

#### FY12 Program

• Continue construction of the Phase 2 expansion. The new influent force main is expected to be complete and the sludge holding tanks and secondary clarifiers will be under construction. The anticipated project completion date is December 2012.

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

## FY11 Program

 Initiated the Facilities Plan Update, establishing the study area and projected the flow and loads from the service area.



## FY12 Program

 Complete the alternatives analysis for both the collection and treatment systems for the Facilities Plan Update, begin scheduling public outreach meetings and finalize an 80% draft action plan document for staff review.

## 5.2.2.4 Timberlake Water Quality Treatment Center

### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

# 5.2.2.5 Hunting Creek North Water Quality Treatment Center

#### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

### 5.2.2.6 Hunting Creek South Water Quality Treatment Center

### FY11 Program

 Requested KDEP minor permit modification approval for the elimination of the polishing pond May 3, 2011. Prepared construction drawings and specification for the lagoon elimination.

# FY12 Program

- Advertise and award the polishing pond elimination project upon KDEP approval of the minor permit modification. The project will be substantially complete by December 31, 2011.
- Install flow pacing equipment to optimize the disinfection process at the plant. The
  equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2)
  regulated by effluent flow rates. This will reduce operating costs by preventing chemical
  over dosing and regulating potable water use. The equipment will also include



automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

## 5.2.2.7 Shadow Wood Water Quality Treatment Center

## FY11 Program

• Completed site equipment inventory and the process to convert asset management activities from SAP to Hansen.

## FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

# 5.2.2.8 Starview Water Quality Treatment Center

#### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

## **5.2.2.9 Berrytown Water Quality Treatment Center**

#### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.



## **5.2.2.10** McNeely Lake Water Quality Treatment Center

### FY11 Program

• Completed review of several alternatives to eliminate the plant. A final gravity solution alternative was selected as the elimination plan. MSD has final construction drawings for the gravity elimination of the plant. The plant flows will be diverted to the existing Washington Green Pump Station which will require expansion. The pump station expansion and plant elimination costs are not currently in the approved MSD budget. A developer is proposing to expand this pump station as part of a future development project. If the development occurs, MSD will review the current budget for funds to eliminate the plant.

#### FY12 Program

- Continue discussions with the developer to coordinate the plant elimination. MSD will also continue to monitor the structural condition of the pant and perform remedial activities as needed, coordinating with the proposed elimination schedule. The anticipated elimination date is December 31, 2014.
- Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

#### **5.2.2.11 Silver Heights Water Quality Treatment Center**

### FY11 Program

- Completed site equipment inventory and the process to convert asset management activities from SAP to Hansen.
- Completed the review of several alternatives to eliminate the plant. A gravity solution alternative was selected and budget was allocated creating a capital project to eliminate the plant.

## FY12 Program

- Begin final design of the elimination project. The anticipated elimination date is December 31, 2013.
- Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and



specifications will be created and the project will be advertised for construction by June 30, 2012.

#### **5.2.2.12 Bancroft Water Quality Treatment Center**

#### FY11 Program

• Completed site equipment inventory and the process to convert asset management activities from SAP to Hansen.

#### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

## 5.2.2.13 Lake of the Woods Water Quality Treatment Center

### FY11 Program

• Completed site equipment inventory and the process to convert asset management activities from SAP to Hansen.

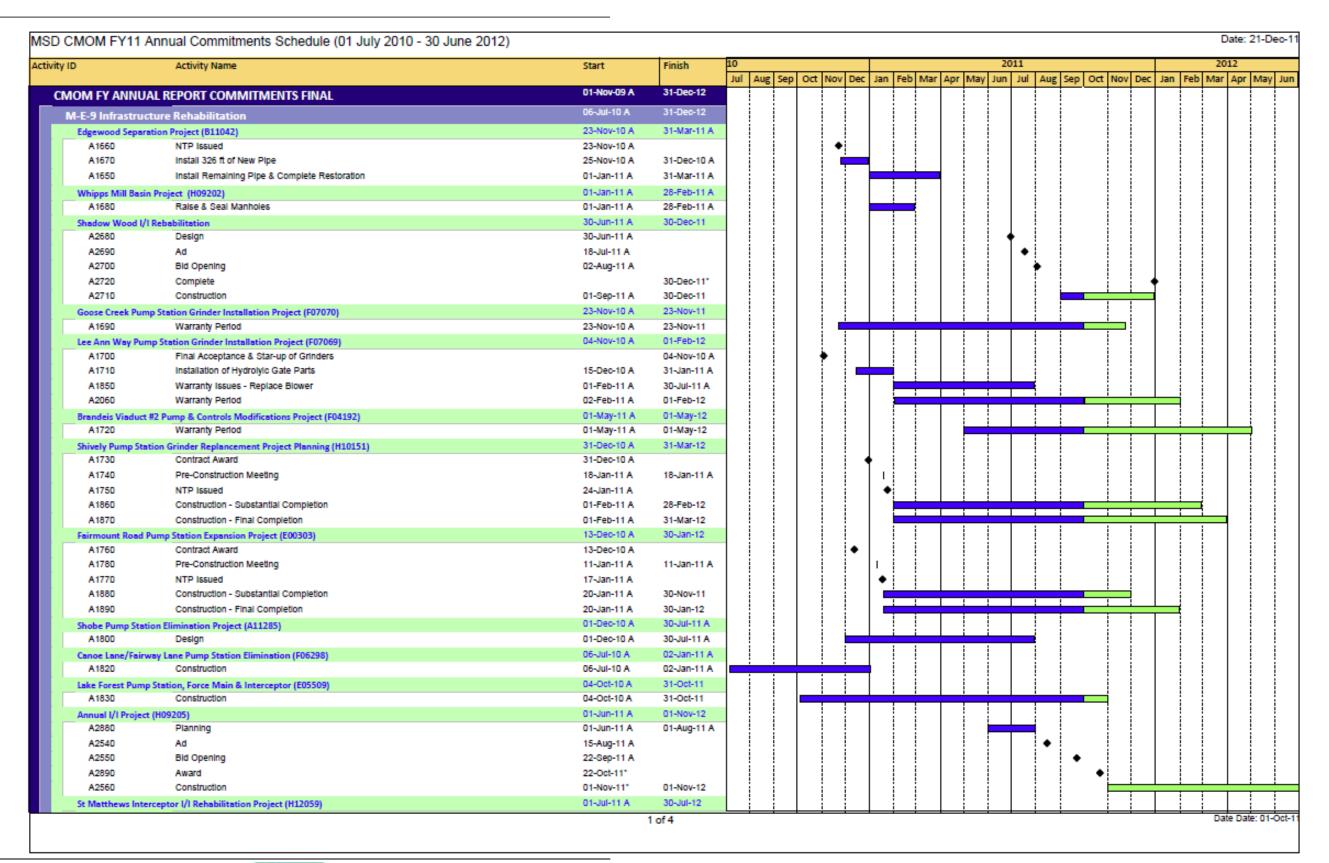
### FY12 Program

• Install flow pacing equipment to optimize the disinfection process at the plant. The equipment will ensure a consent feed of chlorine (CL2) and sulfur dioxide (SO2) regulated by effluent flow rates. This will reduce operating costs by preventing chemical over dosing and regulating potable water use. The equipment will also include automatic vacuum valves drawing from redundant chemical sources and telemetry notification to ensure the process does not run out of chemicals. Design drawings and specifications will be created and the project will be advertised for construction by June 30, 2012.

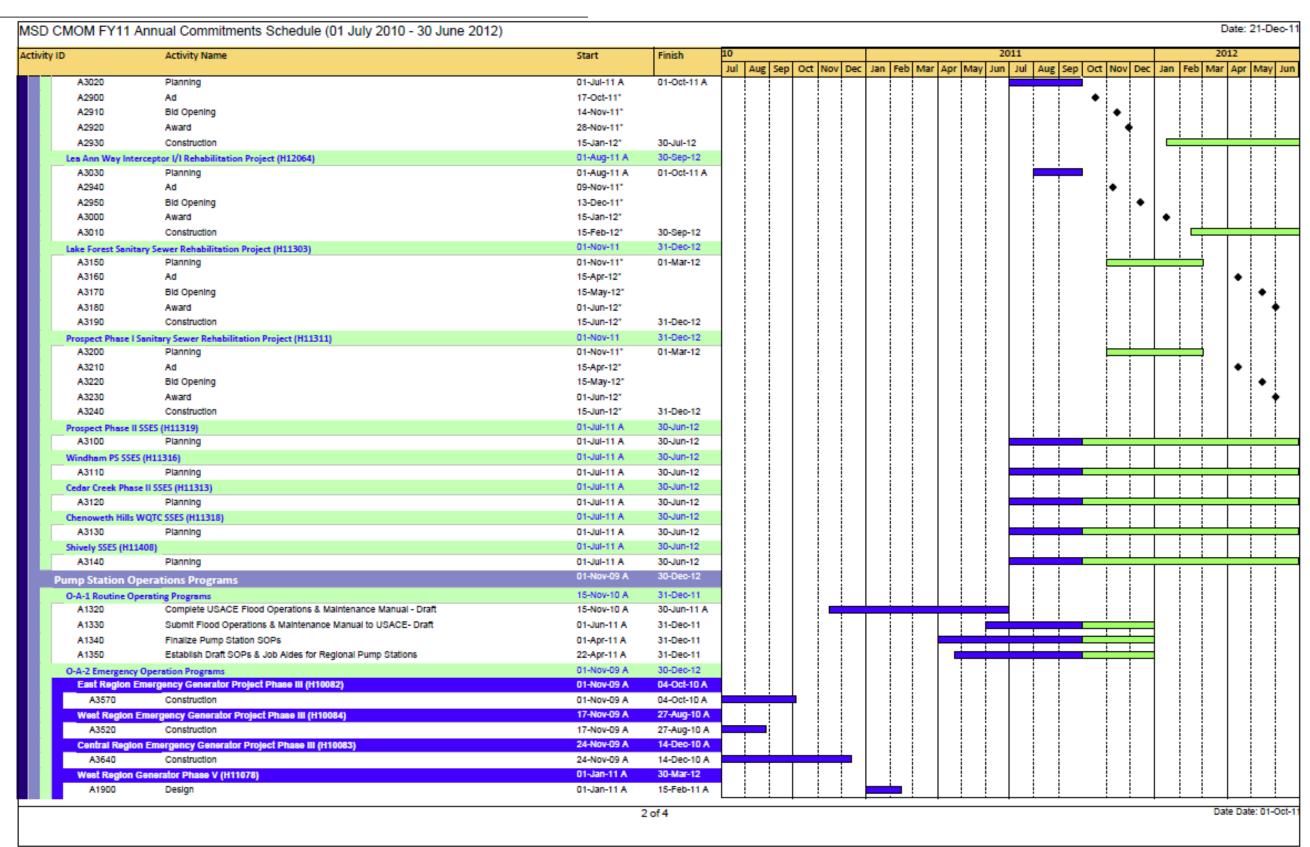
# 5.3 CMOM Activity Schedule

CMOM capital project milestones for the period of July 1, 2010, through June 30, 2011, as well as a look-ahead for the period of July 1, 2011, through March 31, 2011, are provided in the schedule below.

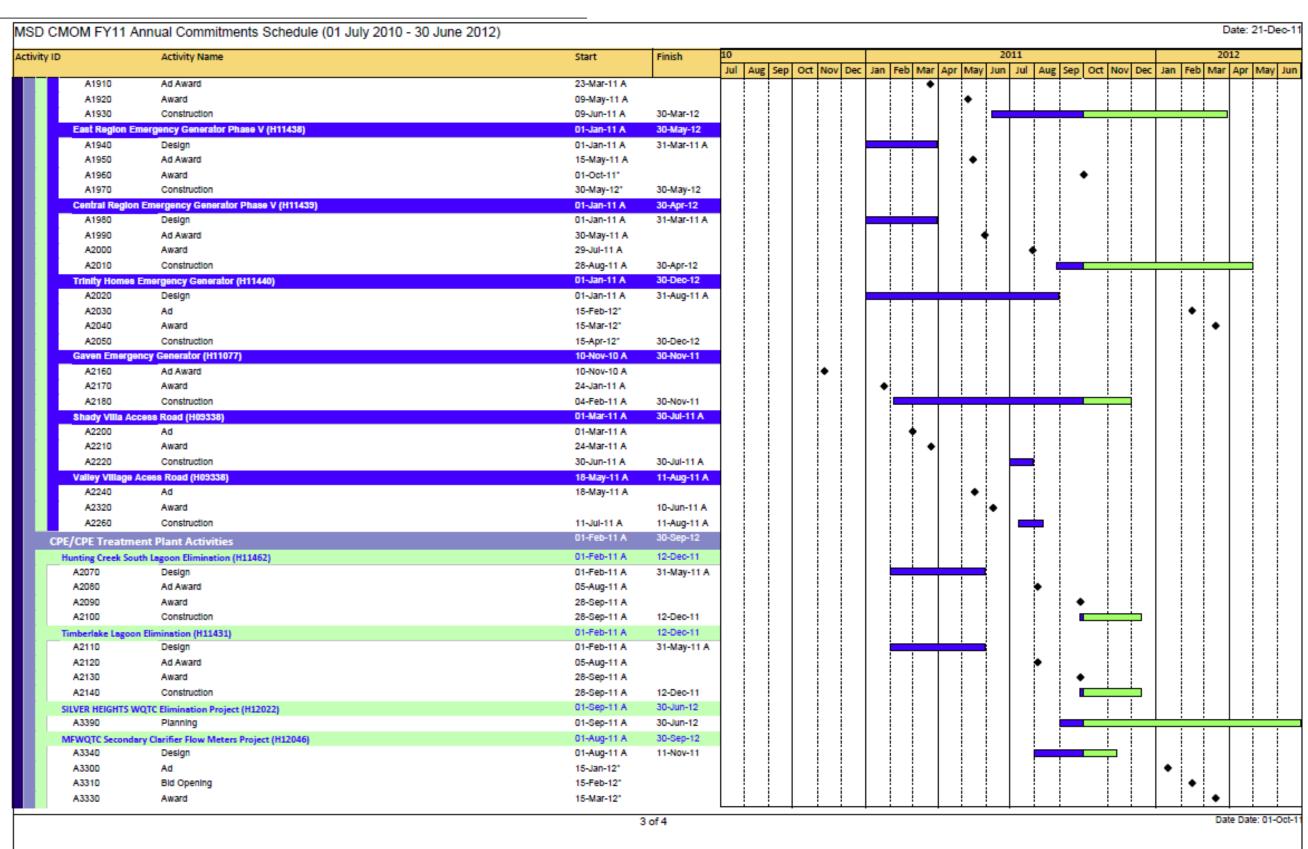




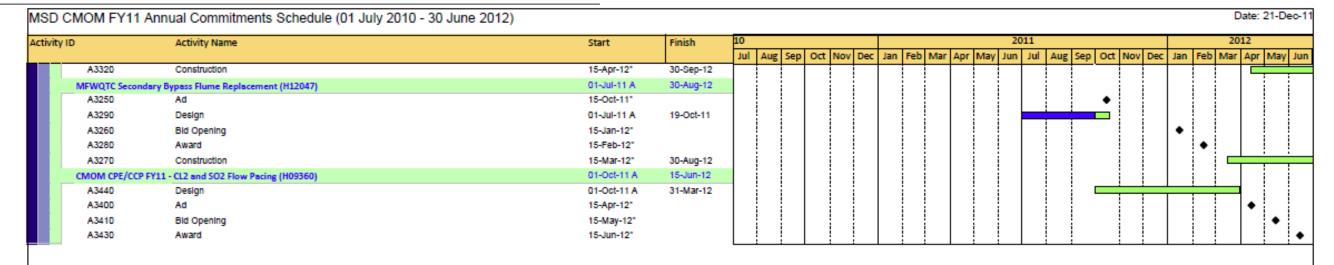












4 of 4 Date Date: 01-Oct-11

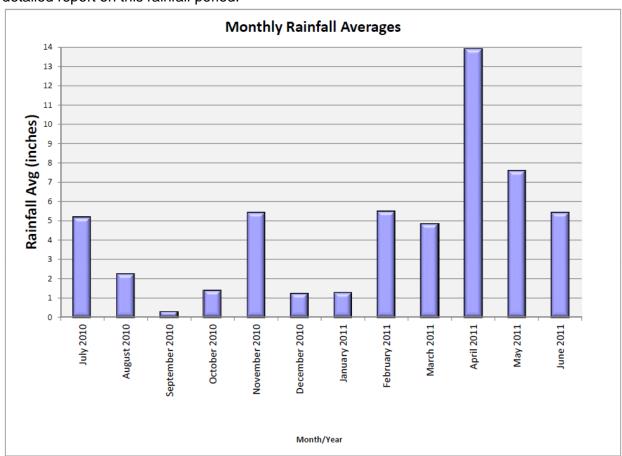




# **SECTION 6: Project WIN Performance Overview**

#### 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 FY11. Data was pulled from MSD's Rain Gauges. The rainfall totals in April 2011 set the record for precipitation in a month. The calculated frequency of this 30-day total of rainfall exceeds a statistical 1000-year rainfall event. See **Appendix J** for a detailed report on this rainfall period.



# 6.2 Unauthorized Discharges to Waters of the United States

**Appendix B-1** includes information related to MSD's discharges to Waters of the United States for the reporting period. This information is entered and maintained in the Hansen Information Management System (Hansen) utilizing procedures reviewed and improved through efforts associated with various components of the Amended Consent Decree. These discharges have





been reported to KDEP and EPA through automated email, telephone calls and monthly wastewater treatment plant discharge monitoring reports (DMRs).

There were 831 overflows that reached the **Waters of the United States** in FY11. 44 were reported during dry weather and 787 were wet weather related.

Unauthorized Discharges (WUS)						
	Dry Weather	Wet Weather	Total			
Blending	0	17	17			
Bypass	3	29	32			
Capacity	0	623	623			
Capacity Pumping	0	99	99			
Electrical	1	3	4			
Grease	1	0	1			
Mechanical	7	1	8			
Obstruction	13	4	17			
Power Failure	0	5	5			
Roots	3	1	4			
Structural	12	3	15			
<b>USACE Flood Pumping</b>	2	2	4			
Utility Damage	2	0	2			
Total	44	787	831			



An analysis, by asset type, of the 44 dry weather unauthorized discharges was performed.

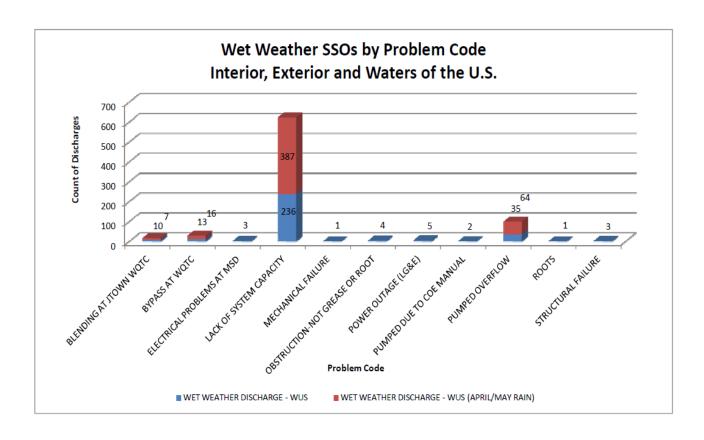
Dry Weather Unauthorized Discharges By Asset Type and Cause										
	Bypass	Electrical	Mechanical	Grease	Obstruction	Roots	Structural	Flood Pumping	Utility Damage	Total
Pump Station		1	1							2
WOTO	_									
WQTC	3		1							4
Manhole	3		3	1	13	2		1	2	22
	3			1	13	2	11	1	2	_
Manhole	3			1	13		11	1	2	22

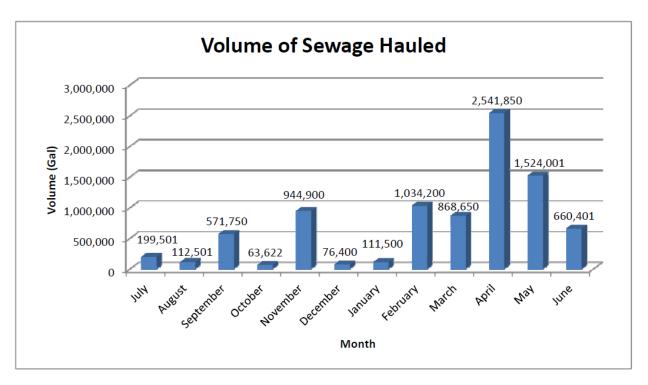
An analysis was performed by asset type, of the 787 wet weather unauthorized discharges.

Wet Weather Unauthorized Discharges By Asset Type and Cause											
	Capacity	Pump	Blending	Bypass	Power	Electrical	Obstruction	Roots	Structural	Flood Pumping	Total
Pump Station	32	56				1					89
WQTC			17	29							46
Manhole	555	43			4	2	3	1	1	1	610
<b>A</b> 1 <b>A</b> .	20				1		1				38
Clean-Out	36				'						30

This next chart shows the wet weather overflows by problem code. In FY11, over 623 overflows were attributed to wet weather capacity issues. Of those 623, 387 were related to the months of April and May, 2011. To reduce the number of overflows in wet weather, MSD hauls sewage from multiple locations. The second graph shows the volume of sewage hauled each month in FY11.











# 6.2.1 Bypass Events at Water Quality Treatment Centers

Included in **Appendix B-2** is a report that details the 49 bypasses which occurred at water quality treatment centers (WQTC) during FY11. Bypasses were reported for the following WQTCs:

Bypass Events							
	KPDES Permit	Dry	Wet	Total			
	Number	Weather	Weather				
Berrytown (MSD0209)	KY0036501	0	9	9			
Cedar Creek (MSD0289)	KY0098540	2	3	5			
Chenoweth Hills (MSD0263)	KY0029459	0	1	1			
Chenoweth Run (MSD0403)	KY0042226	0	3	3			
Derek R. Guthrie (MSD0277)	KY0078956	0	2	2			
Hite Creek (MSD0202)	KY0022420	0	2	2			
Hunting Creek North (MSD0291)	KY0029106	0	2	2			
Jeffersontown (MSD0255)	KY0025194	0	17	17			
Mcneely Lake (MSD0228)	KY0029416	1	2	3			
Morris Forman (MSD0278)	KY0022411	0	1	1			
Silver Heights (MSD0258)	KY0028801	0	1	1			
Starview (MSD0247)	KY0031712	0	3	3			
Total		3	46	49			

Project WIN Quarterly Report 18 included a memorandum, included as Appendix K, which described the analysis of 44 bypass events that occurred between July 1, 2008, and December 31, 2009. This analysis delineated bypasses into the following categories:

- Capacity (CAP)
- External Power failures (LGE Related PWR)
- Equipment Failure (Mechanical -MCH, Electrical ELE, Structural-STR)
- Human Error (OPN)

An assessment of FY11 WQTC bypasses was performed to determine the root cause of each bypass, the failure category, corrective actions to be taken, possible programmatic solutions, and corrective action completion date. Refer to **Appendix M** for details of this analysis. This analysis does not include the Jeffersontown WQTC blending events. Refer to **Section 6.2.2** for details of the Jeffersontown WQTC blending events.



## 6.2.2 Blending Events at the Jeffersontown WQTC

Included in **Appendix B-3** is a report that lists the 17 blending events which occurred at the Jeffersontown WQTC during FY11. The blending events, as posted on the Project WIN website, are as follows:

Blending Events						
Number	Date					
1	August 14, 2010					
2	November 25, 2010					
3	November 30, 2010					
4	January 1, 2011					
5	February 1, 2011					
6	February 24, 2011					
7	February 28, 2011					
8	March 5, 2011					
9	March 9, 2011					
10	April 4, 2011					
11	April 11, 2011					
12	April 23, 2011					
13	May 1, 2011					
14	May 2, 2011					
15	May 23, 2011					
16	May 26, 2011					
17	June 22, 2011					

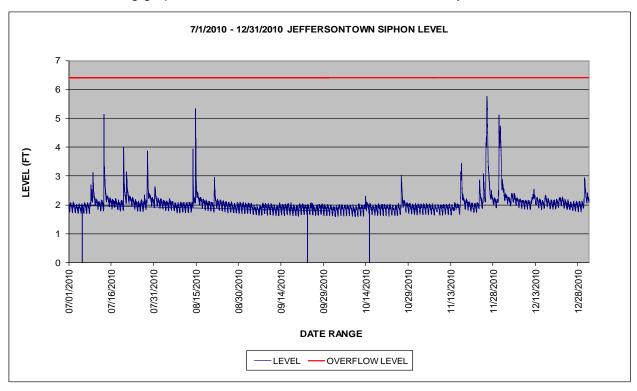
MSD submitted a Jeffersontown WQTC Process Control Plan on October 31, 2008, as required by paragraph 26.a of the Amended Consent Decree. MSD received comments on December 12, 2008, and resubmitted the plan January 16, 2009, and again on February 20, 2009. MSD received conditional approval of this document 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.

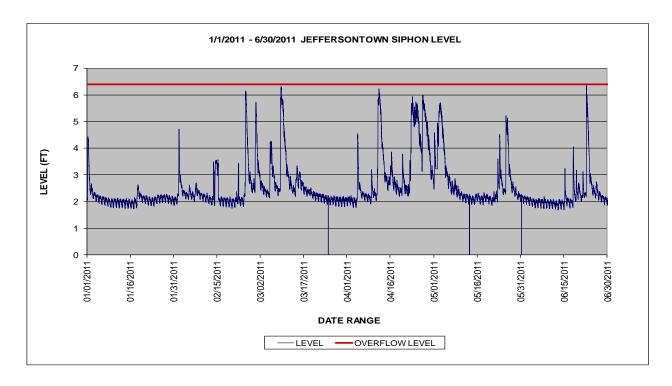
MSD reported 17 blending events at the Jeffersontown WQTC during FY11. The total blended amount, from the events, reported and documented on the Project WIN webpage was 64,544,308 gallons.

MSD conducted inspection routes for the Jeffersontown siphon during FY11. The inspections were completed on the following dates: November 25, 2010 and January 1, February 2, February 25, February 28, March 9, April 13, April 29, May 4, June 23, 2011. Six overflows were identified during these inspections along the siphon route. Levels in the siphon came very close to the overflow point during rain events in February, March, April and June of 2011. No



overflows were documented at the siphon as a result of inspections during these elevated levels. The following graphs are shown in six month intervals for clarity.





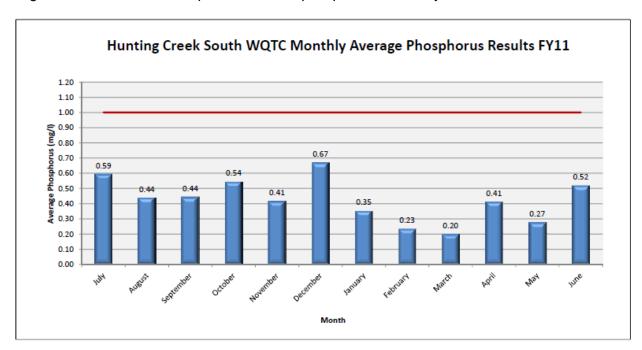




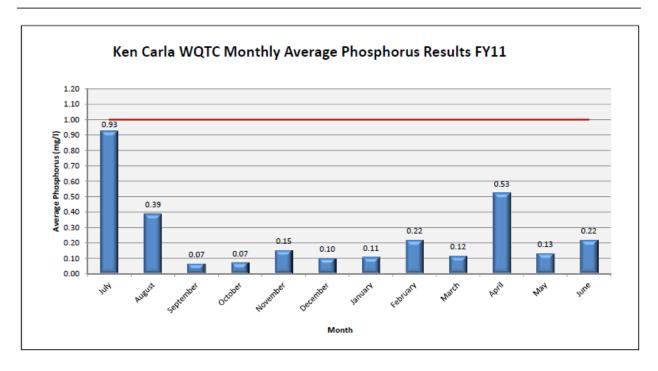
See **Section 5.2** for an update on the Comprehensive Performance Evaluations (CPE) /Composite Correction Plans (CCP) projects for the Jeffersontown WQTC.

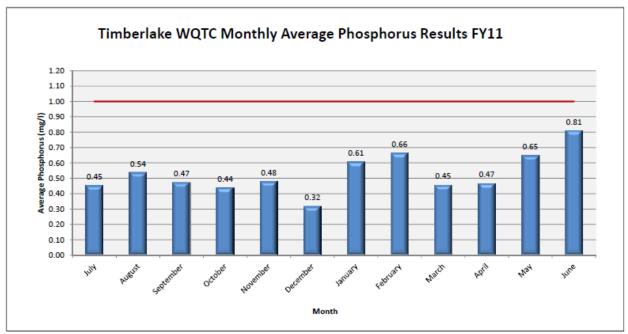
# 6.2.3 Phosphorus Monitoring at the Prospect WQTCs

As part of the Amended Consent Decree, MSD submits phosphorus monitoring data including the calculations of monthly averages with the quarterly reports. See **Appendix G** for these reports. The charts below show the monthly average phosphorous results for the five Prospect WQTCs. The phosphorous limit for these facilities is shown on the charts with a red line at 1mg/l. The five WQTCs met permit limits for phosphorous in every month in FY11.

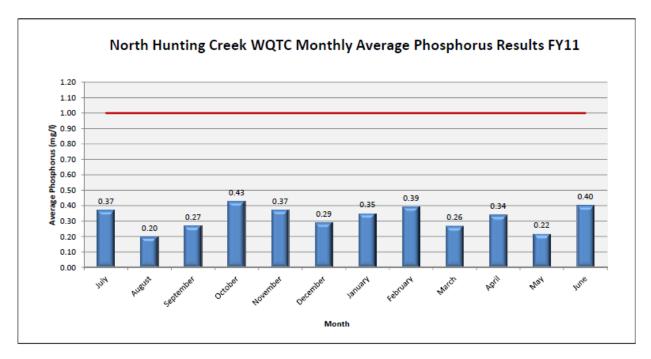


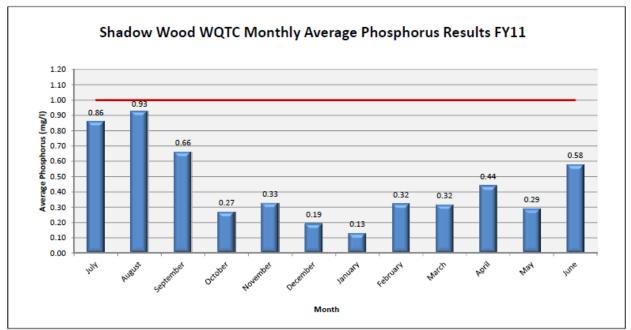












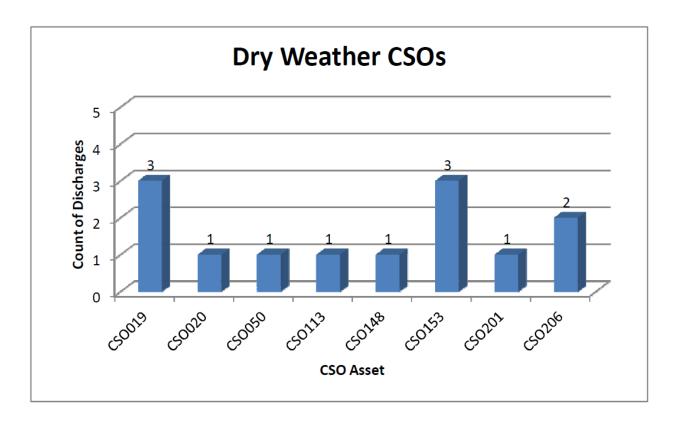


## 6.2.4 Dry Weather CSOs

During the FY11 reporting period there were 13 dry weather overflows from permitted CSO locations. At this time, 103 CSOs are functioning properly. The dry weather CSO's were analyzed by location and problem to identify trends and issues that can be corrected.

In FY11, only one dry weather CSO was related to the operation of the Flood Protection System. MSD has continued to work with the USACE to modify operations to reducing occurrences of dry weather CSOs. In FY11, the volume attributed to Dry Weather CSOs was approximately 5,225,399 gallons. This is a 61% reduction of dry weather CSO volume compared to the previous fiscal year. One significant dry weather CSO occurrence accounted for 4,100,000 gallons of the reported volume. The significant dry weather overflows are described as follows:

CSO020 (Buchanan Street Pump Station) occurred October 31, 2010. The overflow
was caused by a mechanical failure of the influent gate operator. To stop the overflow,
MSD manually opened the influent gate until repairs could be made to the gate actuator.
This overflow discharged approximately 4,100,000 gallons until MSD crews could get the
gate opened.





	Dry Weather CSOs - By Problem						
cso	Date	Problem	Description	Amount (GAL)			
CSO019	07/08/2010	Utility Damage	Louisville Water Company water main break.	100,000			
CSO019	10/09/2010	Utility Damage	Louisville Water Company water main break.	238,000			
CSO019	03/13/2011	Flood Pumping	34th St PS is in minor flood mode due to Ohio River flooding. MSD following Corp of Engineers manual.	767,081			
CSO020	10/31/2010	Mechanical	Mehanical failure of the influent gate operator.	4,100,000			
CSO050	11/15/2010	Obstruction	Cause is unknown. no overflow upon inspection and nothing obstructing flow.	3,336			
CSO113	12/10/2010	Obstruction	Obstruction in main sewer.	68			
CSO148	03/18/2011	Obstruction	Obstruction in main line, likely caused from recent heavy rains.	40			
CSO153	08/11/2010	Obstruction	Obstruction in siphon.	405			
CSO153	08/23/2010	Obstruction	Obstruction in siphon.	95			
CSO153	06/02/2011	Obstruction	Obstruction in siphon.	1,950			
CSO201	03/31/2011	Obstruction	Obstruction in main sewer.	1,350			
CSO206	10/18/2010	Obstruction	Obstruction in main sewer.	1,000			
CSO206	01/31/2011	Obstruction	Possible obstruction in siphon.	12,074			

#### 6.3 Overflows

Overflows in FY11 were delineated into three categories: overflows to Waters of the US (WUS), overflows to the exterior, and overflows to the interior. This section focuses on overflows to the exterior and interior. Please refer to **Section 6.2** for overflows to Waters of the US.

#### 6.3.1 Overflows to the Exterior

MSD recorded information related to overflows to the ground that did not reach Waters of the United States for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Amended Consent Decree. These overflows are included in **Appendix B-4** for the period July 1, 2010, through June 30, 2011.

Exterior Overflows						
	Dry	Wet	Total			
Grease Blockage	5	0	5			
Lack Of System Capacity	0	25	25			
Mechanical Failure	12	0	12			
Obstruction-Not Grease Or Root	23	0	23			
Power Outage (LG&E)	1	0	1			
Roots	19	0	19			
Structural Failure	10	0	10			
Utility Damaged MSD Asset	1	0	1			
Total	71	25	96			



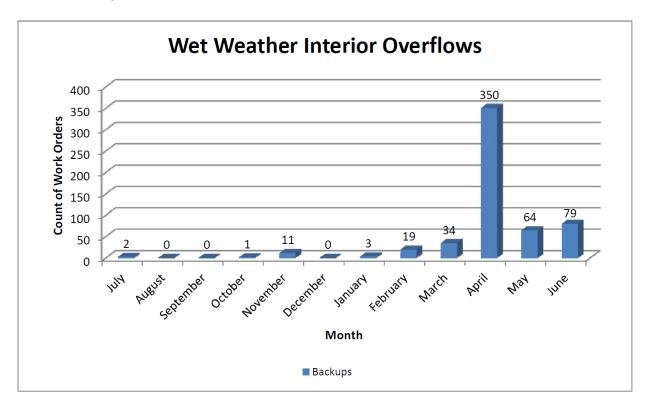


#### 6.3.2 Overflows to the Interior

MSD recorded information related to overflows to building interiors for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Amended Consent Decree. These overflows, that are the result of an issue in the main line, are included in **Appendix B-5** for the period of July 1, 2010, through June 30, 2011.

Interior Overflows						
	Dry	Wet	Total			
Grease Blockage	28	1	29			
Lack Of System Capacity	0	497	497			
Obstruction-Not Grease Or Root	132	13	145			
Roots	576	49	625			
Structural Failure	44	2	46			
Utility Damaged MSD Asset	9	1	10			
Total	789	563	1352			

As shown in the chart below, 350 of the capacity related overflows to the interior in FY11, occurred during the month of April 2011.







#### 6.4 CSO and SSO Reductions

The following sections outline the activities performed in FY11 to reduce or eliminate CSOs and SSOs.

#### 6.4.1 CSO Reductions

**Appendix C** includes the modeled Annual Average Overflow Volume (AAOV) for the permitted CSOs. The AAOV was derived from the InfoWorks CSO hydraulic model.

The InfoWorks model identified additional CSOs that have AAOVs exceeding 10 million gallons per year due to additional model detail and a revised typical rainfall year. These CSOs were fitted with appropriate monitoring equipment and Telog communication equipment and are reporting to the flow data site.

The CSO data for FY11 is included in **Appendix D**. 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.

The following projects, completed during FY11, reduced or eliminated permitted CSOs:

- Closed CSO192 on December 5, 2010.
- Completed the CSO108 Dam Modification Project (Budget ID H09128) on December 15, 2010.

Please refer to **Section 3.5 Post Construction Compliance Monitoring** for information regarding system monitoring.

#### 6.4.2 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:

- Beechwood Village Sanitary Sewer Replacement East (Budget ID E07261) & West (Budget ID E08034) Projects were completed.
- 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.

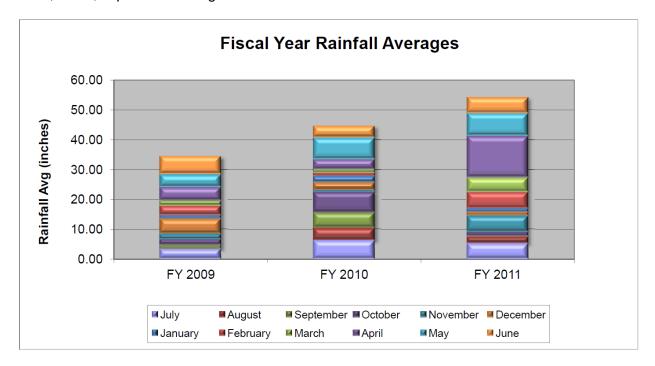


#### 6.5 Performance Measures - Trends

MSD has developed performance measures to monitor the operation of the collection system and WQTC's, with the goal of reducing sewer overflows and improving surface water quality.

#### 6.5.1 Rainfall

The Louisville area experienced an increase in rainfall in FY11, compared to FY10, and the overflow data reflects that trend. The chart below shows the FY09, FY10, and FY11 rainfall data broken up by month to show the significant months of rainfall over these years. Throughout the analysis of FY09, FY10, and FY11, rain events from January 2009 (Force Majeure ice storm event as described in the 2009 Annual Report), August 4, 2009 (Force Majeure rain event), and May 2, 2010 (Force Majeure rain event), and April 2011, are extracted to emphasize rainfall events that are comparable to events in the typical rainfall year. These more frequent events will provide a more accurate indication of the system performance, and improvement with the implementation of programmatic activities. As shown in the following chart, FY11, experienced a significant increase in rainfall over FY10.



# **6.5.2 Bypass**

Project WIN Quarterly Report 18 included a memorandum, included as Appendix K, which described the analysis of 44 bypass events that occurred between July 1, 2008, and December 31, 2009. This analysis delineated bypasses into the following categories:

- Capacity (CAP)
- External Power failures (LGE Related PWR)





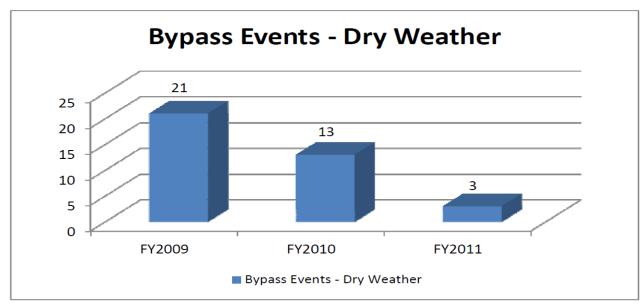
- Equipment Failure (Mechanical -MCH, Electrical ELE, Structural-STR)
- Human Error (OPN)

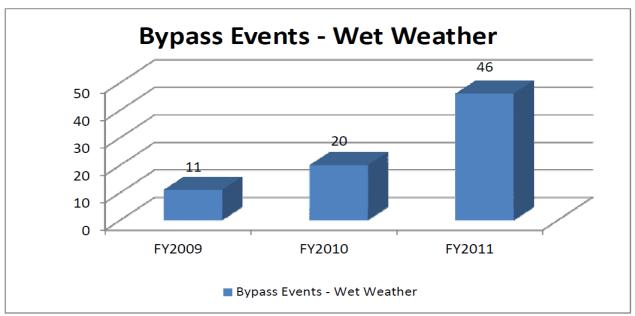
The following table shows the results of the March 2010 analysis of bypass events and the June 2011 analysis of bypasses by cause. A significant increase in capacity related bypasses due to the extreme wet weather in FY11 as previously discussed. Bypasses due to power failures have decreased due to the increase in installations of permanent generators. Facility failures have decreased due to the increased preventive maintenance and CPE Phase II activities. Human Error related bypasses are significantly reduced from the March 2010 analysis due to increased training, accountability, and implementation of CPE Phase I activities.

Bypass Events - Causes						
		July 1, 2010 –				
	July 1, 2008 – December 31, 2009	June 30, 2011				
Determined Cause	Percentage	Percentage				
Capacity (CAP)	16 %	56 %				
Power Failure (PWR)	16 %	13 %				
Facility Failure (ELE, STR,						
MCH)	36 %	25 %				
Human Error (OPN)	32 %	6 %				



The following chart shows the continued improvement in reducing WQTC dry weather bypass events. The trend from 21 events in FY09 to three events in FY11 reflects efforts made through CMOM, and specifically through the implementation of recommendations from the Comprehensive Plant Evaluations (CPE). Implementing the Type 1 operational changes and Type 2 minor facility modifications have improved the standard operating procedures at many of MSD's regional and small WQTCs. Improved operations, coupled with the correction of facility deficiencies is paying off in improved operational performance.







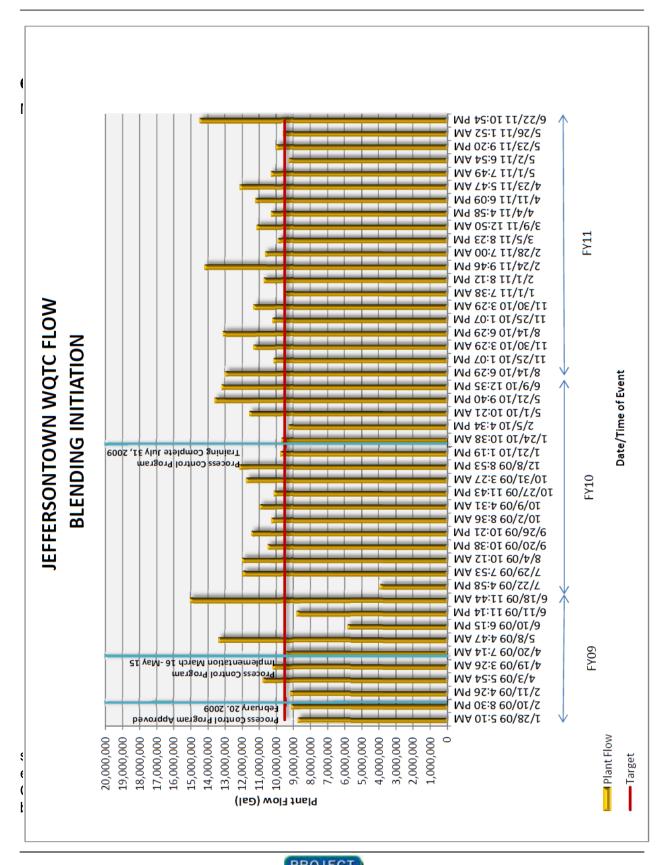
		Dry Weathe	r	Wet Weather			
Treatment Plant	FY09	FY10	FY11	FY09	FY10	FY11	
BANCROFT	2	1	0	0	0	0	
BERRYTOWN	1	1	0	0	2	9	
CEDAR CREEK	1	1	2	1	3	3	
CHENOWETH HILLS	2	4	0	3	4	1	
CHENOWETH RUN	0	0	0	0	2	3	
DEREK R. GUTHRIE	6	1	0	0	1	2	
FLOYDS FORK	0	1	0	2	1	0	
HITE CREEK	2	2	0	0	1	2	
HUNTING CREEK NORTH	2	0	0	0	0	2	
HUNTING CREEK SOUTH	0	1	0	0	1	0	
JEFFERSONTOWN	1	1	0	2	2	17	
MCNEELY LAKE	1	0	1	1	0	2	
MORRIS FORMAN	0	0	0	0	0	1	
SHADOW WOOD	0	0	0	0	0	0	
SILVER HEIGHTS	2	0	0	0	0	1	
STARVIEW	0	0	0	2	2	3	
TIMBERLAKE	0	0	0	0	0	0	
YORKTOWN	1	0	0	0	1	0	
Total	21	13	3	11	20	46	

# **6.5.3 Jeffersontown Water Quality Treatment Center**

MSD has been documenting the blended flow at the Jeffersontown WQTC since February 2008. Paragraph 7.2.2 describes the FY 09 implementation of wet weather SOPs developed as part of the Jeffersontown WQTC Process Control Program. As shown in the chart labeled "Blended Flow", the volumes of flow blended has increased as compared to FY10, due to the significant increase in rainfall during FY11, including the month of April 2011.

The Jeffersontown WQTC Process Control Program includes standard operating procedures (SOPs) for the initiation and disengagement of blending activities, with the goal of maximizing flow through secondary treatment during wet weather. The program was completed in February 2009, and implementation began in May, 2009, with training of all currently affected staff completed prior to July 31, 2009. The FY11 plant flows and blended flows are presented in **Appendix L – Jeffersontown WQTC Blending Event Charts**. The blending events were analyzed and compared to the wet weather protocols included in the SOPs regarding the flow rate when blending will occur. The chart that follows shows the plant flow when blending events began at the Jeffersontown WQTC. The red line on the chart is shown at 9.5 MGD, which is the SOP guidance for initiating blending. The chart shows that once the wet weather SOPs training was completed, blending practice closely conformed to SOP guidance. In some cases the flows significantly exceeded 9.5 MGD before blending occurred. This is due to the rapid increase in flows that the Jeffersontown WQTC can experience, and the relatively slow response time of the blending gate. Operating at these higher flows is not sustainable, as the aeration basins may overflow if more than 9.5 MGD is delivered to them for more than a few minutes.

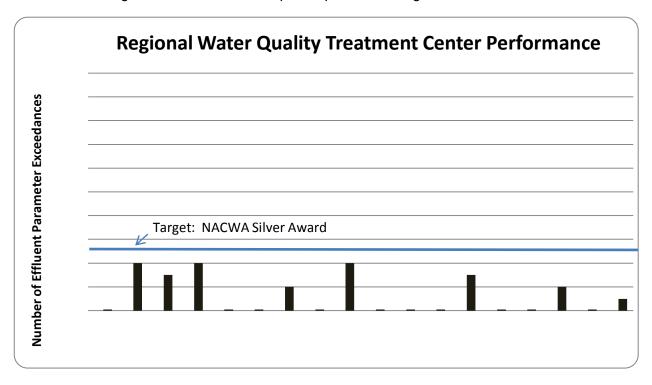






operating history, MSD has established the target for regional plants of receiving at least the NACWA Silver Award, which requires that the WQTC have five or fewer exceedances per year of any permit parameters.

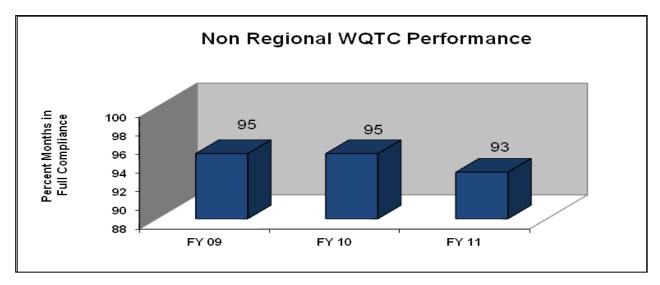
As shown in the figure below, all six regional WQTCs have achieved this goal in FY09, FY10 and FY11. During the current reporting period, Morris Forman WQTC had four exceedances. The other five regional WQTCs also met permit parameter targets.



Since 1985, MSD has acquired more than 200 privately owned non-regional WQTCs ("package plants"). MSD currently operates 14 non-regional plants. MSD will continue to operate the non-regional WQTCs until infrastructure is constructed to divert the wastewater flow to a regional plant and ultimately eliminate the non-regional WQTC's.

The non-regional WQTCs typically have very limited operating flexibility, and are subject to high levels of variability in loads. Most of the non-regional WQTCs have been in operation over 35 years, and typically have much poorer records of compliance than larger plants such as MSD's regional WQTCs. This is the reason that MSD has aggressively eliminated non-regional WQTCs. As part of MSD's continuing efforts to improve non-regional WQTC performance, MSD has a targeted goal of achieving full compliance with permit parameters in 95% of the months. As shown in the figure, 95% of the months were in full compliance in FY09, and FY10. In FY 11 these facilities were at full compliance at 93% of the time. To increase this percentage, CPE/CCE activities were performed such as additional training and SOP review, as well as removal of lagoons and polishing ponds. It is anticipated that the capital projects and CPE/CCE efforts will reduce the occurrence of non-compliance in FY12.





Note that several of the non-regional WQTCs have annual "report only" requirements for total and soluble metals. Due to a MSD error only the total metals were analyzed for this annual report, and the data was therefore incomplete. The incomplete reporting events were noted as "violations" in the monthly DMRs for the affected WQTCs. Since these were reporting violations and not indicative of the plant performance in treating wastewater, they have not been included in the statistics used in the figure.

# 6.5.5 Dry Weather CSOs

MSD has implemented NMC programs and provided resources to reduce dry weather combined sewer overflows (CSOs). The figure below shows the number of occurrences of dry weather CSOs between FY09 and FY11, in bar chart format, broken down by the problem that caused the overflow. It appears that the greatest increase in dry weather CSOs is related to obstructions in the system. In the CSSA program this problem code will be a focus for evaluation.



Dry Weather CSOs by Problem Code							
	FY09	FY10	FY11				
Electrical	1	2	0				
USACE Flood PS	1	0	1				
Mechanical	0	4	1				
Obstruction	0	4	9				
Power	0	2	0				
Structural	0	1	0				
Utility Damange	1	2	2				
Roots	0	1	0				
Total	3	16	13				

# 6.5.6 Dry and Wet Weather SSOs

MSD is committed to reducing SSOs that occur during wet weather events. The accompanying figures show that in FY11 the number of wet weather SSOs dramatically increased over last year primarily due to capacity limitations. There were several significant rain events in FY11 that contributed to this number. Although MSD staff continues to utilize tanker trucks, which include portable pumps, to haul wet weather flow that is in excess of the pump station capacity, there still was an increase in the number of documented overflows.

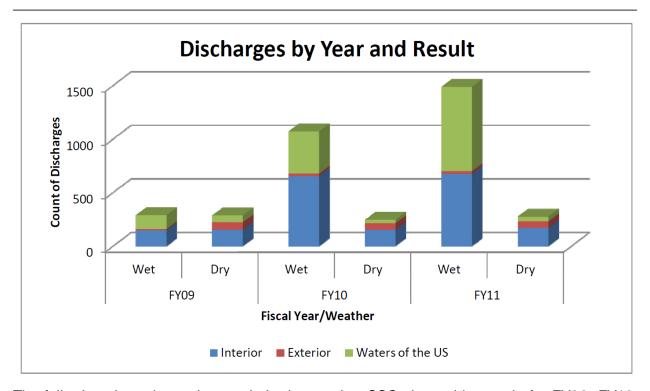
The following table shows the wet weather SSOs by problem code. Due to increases in rain volumes, these metrics increased between FY10, and FY11. The significant rainfall in FY11, including the wettest April of record, led to an increase in wet weather SSOs during the reporting period.



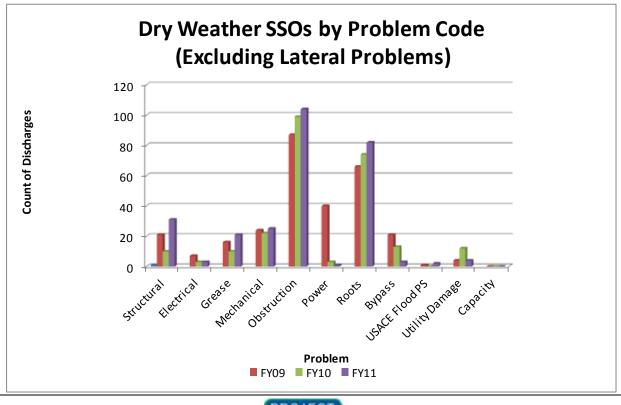
Unauthorized Wet Weather Discharges							
	FY09	FY10	FY11				
Blend	12	16	17				
Bypass	11	20	29				
Capacity	151	993	623				
Pump	22	53	99				
Electrical	4	5	3				
Grease	7	1	0				
Mechanical	1	2	1				
Obstruction	22	16	4				
Power	42	8	5				
Roots	13	17	1				
Structural	3	1	3				
USACE Flood PS	0	0	2				
Utility Damage	1	0	0				
Total	289	1132	787				

The following chart shows the dry and wet weather SSOs by result for FY09, FY10, and FY11. A slight increase in dry weather SSOs occurred in FY11 due to an increase in obstructions and structural failures. The GLPM program will be enhanced to address these increases.





The following chart shows the trends in dry weather SSOs by problem code for FY09, FY10, and FY11. The trends show that FOG enforcement and removal programs are effective in preventing SSOs, and that power related SSOs have trended downward due to installation of permanent generators across the district.







The following figure shows the distribution of dry weather SSOs by problem code. The prevalent cause of dry weather SSOs, as shown in the figure, are due to obstructions. In FY12, an analysis of the dry weather overflow causes will occur to enhance the CSSA and GLPM programs. The enhanced CSSA and BAP activities continuing into FY12, will be honed to address these overflow issues.

Dry Weather SSOs			
	FY09	FY10	FY11
Structural	21	10	31
Electrical	7	3	3
Grease	16	10	21
Mechanical	24	22	25
Obstruction	87	99	104
Power	40	3	1
Roots	66	74	82
Bypass	21	13	3
USACE Flood PS	1	0	2
Utility Damage	4	12	4
Capacity	0	0	0
Total	287	246	276



# SECTION 7: Supplemental Environmental Projects (SEPs) Annual Report

The program activities performed during the FY11 (July 1, 2010, through June 30, 2011) and activities planned for the FY12 (July 1, 2011, through June 30, 2012) are included in this section.

## 7.1 SEP Requirements

The original SEP requirements (August 2005) were outlined in paragraph 28 of the Consent Decree, with the specific SEPs described in Exhibit A of the Consent Decree. In April 2009 an Amended Consent Decree was filed and contained additional SEP requirements. These were outlined in paragraph 34 of the Amended Consent Decree, with the specific SEPS described in Exhibit H of the Amended Consent Decree.

The SEPs categories and related deadlines are as follows.

• <u>Public Health Screenings – Western Louisville</u> - Originally this was to be performed by December 31, 2007, subject to the approval of the Health Department. In 2007 Louisville Mayor Jerry E. Abramson signed a resolution to enter into an agreement with KDEP and MSD to organize and conduct community health screenings with results, follow-up and referrals. The scope was revised and the deadline is now April 2012.

Funding level: \$1,200,000.

- Environmental Education and Public Outreach -
  - Riparian buffers Originally these activities were to be performed by August 12, 2008, but the deadline was later amended to Dec. 31, 2008. Funding level: \$250,000 and completed prior to December 31, 2008.
  - Sustainable Landscaping Education, planning and plant material for implementing sustainable landscaping for urban areas. Specifically, schools and low-income housing were targeted. These activities were completed prior to the deadline of August 12, 2007. Funding level: \$100,000 and completed prior to August 12, 2007.
  - Outdoor Classroom Continued support of the Outdoor Classroom program with Jefferson County Public Schools. These activities will be completed prior to the deadline of August 12, 2010. Funding level: \$100,000 and to be completed by August 12, 2010.
  - Kentucky Personal Responsibility in a Desirable Environment (PRIDE) Implementation and/or expansion of PRIDE into the local and regional area. These activities were completed prior to the deadline of February 12, 2006. Funding level: \$200,000 and completed prior to February 12, 2006.
  - Environmental Education Certification Continued support for the existing Certification Program. These activities will bet completed prior to the deadline of August 12, 2010. Funding level: \$50,000 and completed prior to August 12, 2010.



- Watershed Focused Environmental Groups Provide funding to assist these groups with environmental education and public outreach activities. These activities were completed prior to the deadline of August 12, 2010. Original Funding level: \$150,000. Added \$100,000 see Property Reclamation and Community Connectivity following. Completed prior to August 12, 2010.
- Bicycle and Pedway Connections along K&I Railroad Bridge and Metro Park System These activities were completed prior to the deadline of August 12, 2010. Funding level: \$100,000 and Completed prior to February 12, 2007.
- <u>Property Reclamation and Community Connectivity</u> The original scope of work was amended to direct the funding from the Lee's Lane Landfill to the Public Health Screenings and to the Watershed Focused Environmental Groups.
- Stream Restoration Project The project provides one-time restoration work for various stretches of Jefferson County streams. As required, MSD submitted a stream restoration plan to EPA and KDEP within 30 days of the entry of the Amended Consent Decree. Approval of this plan was received on September 25, 2009. Within six months of approval by EPA, MSD must begin construction on the project and the work is to be complete one year from the beginning of the work. Funding level: \$400,000 for construction, and completed prior to March 25, 2011.

The Consent Decree requires preparation of a SEP Completion Report within 60 days of the completion of the specific SEP. The report must address the following topics:

- A detailed description of the SEP
- A description of any operating problems encountered and the solutions thereto
- A breakdown of itemized costs
- Certification that the SEP is complete
- A description of the environmental and public health benefits resulting from the SEP

The following sections describe progress on the SEPs with continuing activities, describing the completed tasks, current status during FY11, and work planned during FY12. For SEPS completed within FY11, copies of the SEP Completion Reports are included in **Appendix K.** This documentation from MSD is considered by MSD to fulfill the commitment as stated in paragraph 34 of the Amended Consent Decree.

#### 7.2 Public Health Screening – Western Louisville (Budget ID J06248)

This SEP was to perform public health screenings for residents adjacent to the industrialized areas of western portion of Louisville Metro. The screenings were coordinated through the Louisville Metro Department of Public Health and Wellness (LMPHW) and performed at no cost to the residents. During the screening period of September 10, 2007, to November 9, 2007, 2,407 people participated. The Community Health Screenings Project Report, with the statistical data and demographical information, was included as Section 8 of the FY09 Consent Decree Annual Report, dated December 30, 2009.



The originally proposed cost for this SEP was \$1,000,000. As a result of changes to the Property Reclamation and Community Connectivity SEP (as described in a previous subsection) the budget for this SEP was increased to \$1,200,000. The health screening was originally scheduled for completion by December 31, 2007, subject to the approval of the Health Department. A subsequent Memorandum of Understanding between MSD and the Health Department amended the completion date to June 30, 2008, but was extended as part of the Amended Consent Decree to April 2012.

The Louisville Metro Department of Public Health & Wellness (LMPHW) with approval from the state agreed upon two asthma projects from July 1, 2010 to June 30, 2011. The University of Louisville School of Public Health & Information Sciences assisted the LMPHW and Jefferson County Public Schools by collecting data and providing a data analysis and technical assistance to identify the prevalence of children with asthma in 13 elementary schools located in the Rubbertown area. The cost of this contract was \$15,684. The second project was a grant to the Jefferson County Public Education Foundation to provide asthma-related activities at Gutermuth Elementary School. A grant was awarded in the amount of \$4,224. In **Appendix K-1**, a report is provided from the LMPHW that summarizes Program accomplishments to date.

In FY12, The Louisville Metro Public Health and Wellness has proposals for three projects that will use the remaining funding. The projects are in line with the goal of 2009 Consent Decree that provides services to the residents in specific West Louisville neighborhoods.

The FY12 projects are as follows:

- Norton Healthcare system project will augment its clinical outreach services to provide screening for breast, cervical, and other cancers.
- University of Louisville Pediatrics Clinic project will provide enhanced community services from a nurse to contact the Clinic's asthmatic children and their families to assure appropriate compliance with medications and avoidance of environmental triggers.
- JCPS project will educate students with different facets of asthma, and followed by swimming at a local YMCA pool.

Funding amount: \$1,200,000

Status: Continuing, with completion scheduled for April 31, 2012.

#### 7.3 Environmental Education Outreach and Public Outreach

This SEP is to perform, or provide funding to groups that will perform, activities to raise environmental awareness and stewardship for the local and regional community. Specific emphasis will be placed on efforts that promote watershed focused environmental activities. The original proposed cost for this SEP was \$950,000. Following the amendment of Exhibit A of the Consent Decree, the cost was changed to \$1,050,000, and the total amount was then divided among a number of different activities. Completion dates for each of the activities are addressed in the detailed descriptions that follow.

The Outdoor Classroom SEP continued support of the Outdoor Classroom program with Jefferson County Public Schools. This program was started under the Morris Forman WQTC



Agreed Order in 1999, and is closely connected to the Sustainable Landscape SEP. The Outdoor Classroom SEP was allocated a total funding of \$100,000 (Budget IDs J06136, J06137, J06138, J06139), with monies spent before August 12, 2010. Specific projects that have been identified to date and have been active during this FY11 are as follows:

**Portland Elementary School** – MSD provided funding and staff support to complete a shade and water garden as part of the school's Outdoor Classroom. The teachers will use the outdoor classroom as the basis of assignments to increase student learning. Students will use the classroom for ten minute field trips as an extension of and support to existing curriculum. This work was completed in August 2010 and the final report is included in **Appendix K-2**.

Funding Amount: \$6,518.80

<u>Status</u>: Completed in August 2010, with final report included in FY11 Consent Decree Annual Report as **Appendix K-2**.

### 7.4 Stream Restoration Project

This new SEP was identified in the April 2009 Amended Consent Decree in paragraph 34 and in Appendix H. The purpose of the SEP is to provide one-time restoration work for various stretches of Jefferson County streams with a construction cost not less than \$400,000. A stream restoration plan was required within 30 days of the entry of the Amended Consent Decree. The plan was submitted by MSD on May 14, 2009, with a re-submittal on July 23, 2009, and later approved by KDEP. See **Appendix K-3** for a copy of the approval letter and the plan.

Cherokee Park Stream Restoration (Budget ID H10140) - The project is located on the Middle Fork of Beargrass Creek which is a 303(d) listed stream. The restoration will address approximately 400 LF of the Middle Fork near Bridge 7 on Beargrass Road, Cherokee Park. The project design will include the excavation of a bank full bench, restoration of riffles and pools and other stream restoration techniques. The stream bank restoration improvement will also restore Beargrass Creek Road which has been undermined due to nearby erosion. The design was completed and applicable permits were obtained by June 30, 2010. The MSD Board awarded the project on September 27, 2010 and the project was certified complete on December 3, 2010.

Funding Amount: \$200,000 for construction.

<u>Status</u>: Construction was completed in FY11, with final report included in FY11 Consent Decreee Annual Report as **Appendix K-4**.

Pond Creek/Mill Creek Trail Corridor and Ecosystem Restoration (Budget ID H10141) - The project includes two sites, one along Pond Creek and one on an intermittent tributary of Pond Creek with Pond Creek being a 303(d) listed stream. On the Pond Creek site, there will be removal of invasive species along 1200 LF of stream bank and floodplain followed by planting of native species in the area. The Pond Creek tributary project will include the restoration of the existing channel for approximately 1800 LF. Restoration efforts will include the installation of in-stream natural structures and establishing native vegetation along the restored stream bank. The design was completed and applicable permits were obtained by



September 30, 2010. The MSD Board awarded the project on October 25, 2010 and the project was certified complete on February 19, 2011.

Funding Amount: \$200,000 for construction.

<u>Status</u>: Construction was completed in FY11, with final report included in FY11 Consent Decreee Annual Report as **Appendix K-5**.



## **APPENDIX A - CSO108 EFFICACY REPORT**





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

December 21, 2010

Joyce Bender Nature Preserves and Natural Areas Branch Manager Kentucky State Nature Preserve Commission 801 Schenkel Lane Frankfort, KY 40601

Subject: CSO 108 Semi-Annual Report #5

Dear Ms. Bender:

As required in Paragraph #10 of the document titled "Memorandum of Understanding by and between the Kentucky State Nature Preserve Commission and the Louisville and Jefferson County Metropolitan Sewer District", MSD submits to you the MOU Semi-Annual Report #5. This report summarizes activities at the CSO 108 CDS Site during the reporting period of July 1, 2010 to December 31, 2010.

Should you have any questions or comments, please feel free to contact me via email at <u>potempa@msdlouky.org</u> or phone at (502) 540-6112.

Happy Holidays!

Sincerely,

Julie L. Potempa

Project WIN Project Manager

JLP:jlp

cc:

J. Loechle

A. Akridge

J. Muller

File





#### INTRODUCTION

The Louisville and Jefferson County Metropolitan Sewer District (MSD) has entered into a Memorandum of Understanding (MOU) with the Kentucky State Nature Preserve Commission (Commission). The MOU was signed by MSD on July 30, 2008, and by the Commission on September 17, 2008. This MOU is effective for the period starting September 1, 2008, and ending on September 1, 2018.

This is the fifth Semi-Annual Report submitted in accordance with Paragraph 10 of the MOU. This report covers the time period of July 1, 2010 through December 31, 2010.

This Semi-Annual Report will address only those requirements considered ongoing. The initial Semi-Annual Report, MOU Semi-Annual Report #1, was comprehensive and included a response to each requirement addressed within the MOU. Please refer to the initial Semi-Annual Report should you need additional information not found within this document.



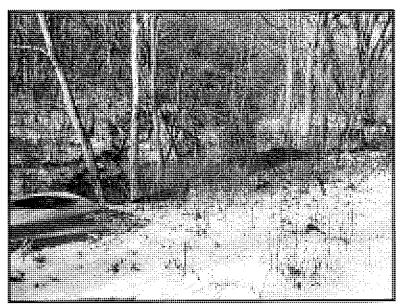


Work and activities undertaken by MSD and relating to the MOU are outlined in the paragraphs below:

### Paragraph #8 of the MOU:

During construction, MSD shall implement an Erosion Control Plan. Following completion of construction and installation of the pavers in the access road, MSD shall implement a Site Remediation Plan, sowing the disturbed areas with wild rye grass. Following construction of the

Real Time Control Phase 2 project, MSD will replace the 7inch dbh sycamore that will be destroyed by the pipe installation with four (4) of the largest container tree stock available (no less than 1.75 inches) at the time of restoration, using a mix of similar sized white, shumard, and chinquapin oak trees at the point designated on the map in Exhibit Α. MSD shall monitor and maintain the tree for the first two (2) years to ensure establishment and shall replace any of the tree trees that do not survive the two years.



Picture 1: River Oats Area (dated 12/14/2010)

• MSD Response: The construction area was seeded with River Oats (Chasmanthium latiforium) in spring of 2009. Please refer to MOU Semi-Annual Report #4 (January 1, 2010 to June 30, 2010) for additional information.

MSD ordered three 1 gallon White Oaks in the fall of 2008, with the intent to plant these trees in the spring of 2009, to coincide with seeding of the disturbed site. Unfortunately all three of the White Oaks died during the winter. In an effort to replace the White Oaks that died, nine trees were planted and mulched within the restoration site during November of 2009. The plantings consisted of three White Oaks (Quercus alba), three Shingle Oaks (Quercus imbricaria) and three Chinqapin Oaks (Quercus muehlenbergii).





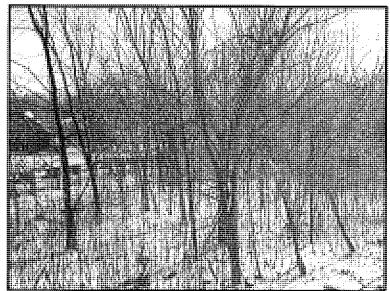
All trees were in 15-gallon pots. MSD monitored the trees during the year following the initial planting. Though the site has rebounded well after the construction period, a couple of the trees may not have survived the harsh drought conditions in late summer and early fall. The plantings will be evaluated again in spring to determine which trees, if any, did not survive through the winter months. MSD is committed to maintaining the plantings during the remaining 12 months of the monitoring period.

### Paragraph #10 of the MOU:

MSD shall be diligent of this ten year period in more timely supplying the Commission with semiannual reports on the efficacy of the CDS unit, water quality monitoring data, and any other such pertinent information. Said reports shall be provided to the Commission by June 30 and December 31 of each year.

 MSD Response: This document is the fifth semiannual report to the Commission since the completion of the Project.

The CSO 108 CDS Unit is inspected weekly and cleaned on an as-needed basis. Between the dates of July 1, 2010 and December 21, 2010, MSD cleaned the CDS Unit one time and that was on November 11, 2010. At



Picture 2: Foliage Adjacent to CDS Unit (dated 12/14/2010)

that time approximately 0.25 cubic yards of debris was hauled from the site during the solids and floatables cleaning. Louisville experienced drought-like conditions during the late summer and fall months of 2010, and as a result, very little debris collected within the CDS Unit.





The Crystal Report showing the work performed at the CSO 108 CDS Unit is shown in Attachment A. The report is generated from work orders initiated whenever the CDS Unit needs to be cleaned. Cleaning consists of either washing debris off of the bar racks or hauling the solids and floatables from the site. Both operations result in removing debris that would otherwise overflow into Beargrass Creek. The Quantity column within the report show the cubic yards of debris removed during each cleaning activity.

### Paragraph #11 of the MOU:

If (1) MSD does not comply strictly with their terms of this MOU, (2) the CDS unit does not provide solids and floatable materials removal of at least 85% of the annual average overflow for CSO 108, or (3) all debris from the CDS unit is not removed from the Beargrass Creek State Nature Preserve immediately after the CDS unit is cleaned, MSD shall, within six (6) months after the receipt of written notice of removal from the Commission, remove the CDS unit from the Preserve and restore the service area by planting native herbaceous and woody plant species chosen by the Commission as suitable for the site's remediation. The CDS unit shall not operate past the expiration date of this Agreement, unless both parties enter into a subsequent Agreement which permits the Project to remain on Preserve property. In the event a subsequent Agreement is not reached, MSD shall have a reasonable period of time to remove the CDS unit from the Preserve.

### MSD Response:

- (1) No Action Required
- (2) The Continuous Deflective Separation (CDS) system was placed along the Trevillian Way Twin Trunk Sewer to capture solids and floatables from a 485 acre drainage area. The unit uses a vortex action created by the hydraulic energy of incoming flow to separate solids and floatable from the flow. The treated flow is then discharged through the outlet pipe to Beargrass Creek. To insure that the CDS Unit functions properly and removes 85% of the solids and floatables that pass through the system, MSD inspects the facility weekly.
- (3) The CSO 108 CDS Unit is inspected weekly and cleaned on an as-needed basis. The Crystal Report showing the work performed at the CSO 108 CDS Unit is shown in Attachment A and described in detail in **Paragraph #10** above.





## ATTACHMENT "A": CSO 108 CDS Unit Debris Removal

<u>ACTCO</u>	UNITID	FAILCODE	<u>wono</u>	<u>QTY</u>	COMMENTS	COMPOTTM
Debris	CSO 108	Debris	1164320	0.25	Work Order to vactor out CDS Unit while weather still warm. Removed only minimal debris from CDS Unit. Estimated 0.25 CY of debris	11/11/10 10:30:00 am

Total 0.25 Cubic Yards





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

June 29, 2011

Joyce Bender Nature Preserves and Natural Areas Branch Manager Kentucky State Nature Preserve Commission 801 Schenkel Lane Frankfort, KY 40601

Subject: CSO 108 Semi-Annual Report #6

Dear Ms. Bender:

As required in Paragraph #10 of the document titled "Memorandum of Understanding by and between the Kentucky State Nature Preserve Commission and the Louisville and Jefferson County Metropolitan Sewer District", MSD submits to you the MOU Semi-Annual Report #6. This report summarizes activities at the CSO 108 CDS Site during the reporting period of January 1, 2011 to June 30, 2011.

Should you have any questions or comments, please feel free to contact me via email at <a href="mailto:potempa@msdlouky.org">potempa@msdlouky.org</a> or phone at (502) 540-6112.

Hope you have a great summer!

Sincerely,

Julie L. Potempa

Project WIN Project Manager

JLP:jlp

cc:

J. Loechle

A. Akridge

J. Muller

File





#### INTRODUCTION

The Louisville and Jefferson County Metropolitan Sewer District (MSD) has entered into a Memorandum of Understanding (MOU) with the Kentucky State Nature Preserve Commission (Commission). The MOU was signed by MSD on July 30, 2008, and by the Commission on September 17, 2008. This MOU is effective for the period starting September 1, 2008, and ending on September 1, 2018.

This is the sixth Semi-Annual Report submitted in accordance with Paragraph 10 of the MOU. This report covers the time period of January 1, 2011 through June 30, 2011.

This Semi-Annual Report will address only those requirements considered ongoing. The initial Semi-Annual Report, MOU Semi-Annual Report #1, was comprehensive and included a response to each requirement addressed within the MOU. Please refer to the initial Semi-Annual Report should you need additional information not found within this document.

Work and activities undertaken by MSD and relating to the MOU are outlined in the paragraphs below:

#### Paragraph #8 of the MOU:

During construction, MSD shall implement an Erosion Control Plan. Following completion of construction and installation of the pavers in the access road, MSD shall implement a Site Remediation Plan, sowing the disturbed areas with wild rye grass. Following construction of the Real Time Control Phase 2 project, MSD will replace the 7-inch dbh sycamore that will be destroyed by the pipe installation with four (4) of the largest container tree stock available (no less than 1.75 inches) at the time of restoration, using a mix of similar sized white, shumard, and chinquapin oak trees at the point designated on the map in Exhibit A. MSD shall monitor and maintain the tree for the first two (2) years to ensure establishment and shall replace any of the tree trees that do not survive the two years.

• MSD Response: The construction area was seeded with River Oats (Chasmanthium latiforium) in spring of 2009. Please refer to MOU Semi-Annual Report #4 (January 1, 2010 to June 30, 2010) for additional information.

June 29, 2011 Page 1 of 6

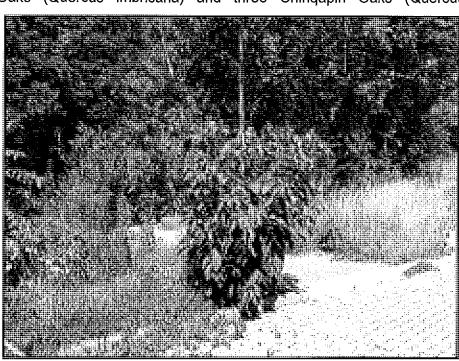


MSD ordered three one-gallon White Oaks in the fall of 2008, with the intent to plant these trees in the spring of 2009, to coincide with seeding of the disturbed site. Unfortunately all three of the White Oaks died during the winter. In an effort to replace the White Oaks that died, nine trees were planted and mulched within the restoration site during November of 2009. The plantings consisted of three White Oaks (Quercus alba), three Shingle Oaks (Quercus imbricaria) and three Chinqapin Oaks (Quercus

muehlenbergii).

All trees were in 15-gallon pots. MSD monitored the trees during the year following the initial planting.

Though the site has rebounded well after the construction period, six of the trees did not survive the drought



Picture 1: River Oats Area (dated 06/21/2011)

conditions of the late 2010 summer and the extreme cold temperatures during the winter. MSD is committed to maintaining the three remaining trees during the remaining six months of the monitoring period. MSD will also plant additional trees – a combination of White Oaks, Shingle Oaks and Chinqapin Oaks – during the Fall of 2011. MSD, working with the Kentucky State Nature Preserve Commission, will determine the type of trees to be planted and the location of the plantings.

#### Paragraph #10 of the MOU:

MSD shall be diligent of this ten year period in more timely supplying the Commission with semi-

June 29, 2011 Page 2 of 6



annual reports on the efficacy of the CDS unit, water quality monitoring data, and any other such pertinent information. Said reports shall be provided to the Commission by June 30 and December 31 of each year.

 MSD Response: This document is the sixth semi-annual report to the Commission since the completion of the Project.



Picture 2: Foliage Adjacent to CDS Unit (dated 06/21/2011)

The CSO 108 CDS Unit is inspected weekly and cleaned on an as-needed basis. Between the dates of January 1, 2011, and June 22, 2011, MSD cleaned the CDS Unit two times, on March 21 and March 25, 2011. Approximately 0.50 cubic yards of debris was hauled from the site during the solids and floatables cleaning.

The Crystal Report showing the work performed at the CSO 108 CDS Unit is shown in Attachment A. The report is generated from work orders initiated whenever the CDS Unit needs to be cleaned. Cleaning consists of either washing debris off of the bar racks or hauling

the solids and floatables from the site. Both operations result in removing debris that would otherwise overflow into Beargrass Creek. The Quantity column within the report show the cubic yards of debris removed during each cleaning activity.

June 29, 2011 Page 3 of 6



### Paragraph #11 of the MOU:

If (1) MSD does not comply strictly with their terms of this MOU, (2) the CDS unit does not provide solids and floatable materials removal of at least 85% of the annual average overflow for CSO 108, or (3) all debris from the CDS unit is not removed from the Beargrass Creek State Nature Preserve immediately after the CDS unit is cleaned, MSD shall, within six (6) months after the receipt of written notice of removal from the Commission, remove the CDS unit from

the Preserve and restore the service area by planting native herbaceous and woody plant species chosen by Commission the suitable for the site's remediation. The CDS unit shall not operate past the expiration date of this Agreement, unless both parties enter into a subsequent Agreement which permits the Project to remain on Preserve property. In the event a subsequent Agreement



Picture 3: Entrance to CDS Unit (dated 06/21/2011)

is not reached, MSD shall have a reasonable period of time to remove the CDS unit from the Preserve.

### MSD Response:

- (1) No Action Required
- (2) The Continuous Deflective Separation (CDS) system was placed along the Trevillian Way Twin Trunk Sewer to capture solids and floatables from a 485 acre drainage area. The unit uses a vortex action created by the hydraulic energy of incoming flow to separate solids and floatable from the flow. The treated flow is then discharged through

June 29, 2011 Page 4 of 6

## MOU Semi-Annual Report #6 January 1, 2011 – June 30, 2011



the outlet pipe to Beargrass Creek. To insure that the CDS Unit functions properly and removes 85% of the solids and floatables that pass through the system, MSD inspects the facility weekly.

(3) The CSO 108 CDS Unit is inspected weekly and cleaned on an as-needed basis. The Crystal Report showing the work performed at the CSO 108 CDS Unit is shown in Attachment A and described in detail in **Paragraph #10** above.

June 29, 2011 Page 5 of 6



### ATTACHMENT "A": CSO 108 CDS Unit Debris Removal

<u>ACTCO</u>	<u>UNITID</u>	FAILCODE	<u>wono</u>	QTY	COMMENTS	COMPDTTM
Debris	CSO 108	Rack	1230211	0.00	Cleaned medium debris from the rack bars	03/21/11 2:05:00 pm
Debris	CSO 108	Solids & Floatables	1231765	0.50	Cleaned underflow chamber	03/25/11 11:30:00 am
		•	Total	0.50	Cubic Yards	



## **APPENDIX B-1 - DISCHARGE WORK ORDERS-WATERS OF THE UNITED STATES**



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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	973 SWAN ST	07/01/10 1:29: PM	07/01/10 02:28 PM	57 GAL	Sewer Main	11777A	STREAM		WHILE TRYING TO GO UNDER SUSPENDED PIPE HANGING OVER IMPROVED CHANNEL MSD PERSONNEL BUSTED PIPE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1102059	NO CLEAN UP PERFORMED-PIPE DISCHARGING DIRECTLY OVER IMPROVED CHANNEL OF BEARGRASS CREEK.	INSTALLED A FORCE MAIN REPAIR BAND
DEREK R. GUTHRIE	KY0078956	8608 CODINGTON CT	07/13/10 9:52: PM	07/13/10 11:26 PM	60 GAL	Sewer Manhole	41639	GROUND	FERN CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1107732	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1110431 - FLUSHED MAIN SEWER AND REMOVED OBSTRUCTION; REFERRED TO TVI
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	07/22/10 3:45: PM	07/22/10 06:45 PM	90 GAL	Sewer I Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	STRUCTURE FAILURE OF PERMITTED DISCHARGE PIPE	BYPASS AT WQTC	DISDW DRY WEATHER DISCHARGE	1111772	NO CLEAN UP REQUIRED DISCHARGE IS FULLY TREATED WATER	CONTRACTOR MADE REPAIRS TO THE PIPE
DEREK R. GUTHRIE	KY0078956	9903 DANIEL DR	10/03/10 9:39: AM	10/03/10 10:30 AM	17 GAL	Sewer Manhole	10272	DITCH	LITTLE BEE LICK CREEK	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1143224	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1143228 AND 1143618 - ROOT CUT AND OPEN MAIN SEWER
MORRIS FORMAN	KY0022411	503 NOTTINGHAM PKY	11/26/10 11:00: AM	11/26/10 11:31 AM	125 GAL	Sewer 2 Manhole	24721	GROUND	MIDDLE FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1170805	MSD PERSONNELL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1170811 - ROOTCUT AND OPEN THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	8809 TRANQUIL VALLEY LN	12/01/10 5:30: PM	12/01/10 05:49 PM	50 GAL	Sewer 3 Manhole	31899	GROUND	FERN CREEK	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1172627	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1172622 AND 1172925 - ROOTCUT MAIN SEWER
CHENOWETH HILLS	KY0029459	4305 ST RENE CT	12/08/10 11:26: AM	12/08/10 11:28 AM	500 GAL	Sewer I Treatment Plant	MSD0263	STREAM	CHENOWETH RUN	HOSE ON B&H VAC TRUCK BROKE	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1176712	NO DEBRIS	REATTACHED WITH NEW HOSE
JEFFERSONTOWN	KY0025194	4108 CHENOWETH RUN RD	12/09/10 7:00: PM	12/09/10 10:30 PM	630 GAL	Sewer Valve	72418-V	GROUND	CHENOWETH RUN	LEAKY ARV	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1177794	MSD CLEANED & SANITIZED THE AREA	MSD HAULED STATION UNTIL REPAIRS WERE COMPLETE. MAC CONST. & MSD REPLACED EIGHT AIR RELEIF VALVES.
JEFFERSONTOWN	KY0025194	4800 CHENOWETH RUN RD	12/10/10 8:50: AM	12/10/10 05:00 PM	4,800 GAL	Sewer Main	72418-V	GROUND	CHENOWETH RUN	STRUCTURAL FAILURE OF VALVE.	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1177851	MSD CLEANED & SANITIZED THE AREA	MAC CONST. & MSD REPLACED EIGHT AIR RELIEF VALVES.
DEREK R. GUTHRIE	KY0078956	7014 JOHN PAUL LN	01/27/11 12:58: PM	01/27/11 01:07 PM	225 GAL	Sewer 6 Manhole	64054	GROUND	PENNSYLVANIA RUN	BREAKER FOR THE AIR COMPRESSOR THAT RUNS THE BUBBLER SYSTEM TRIPPED.	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1193984	MSD CLEANED & SANITIZED THE AREA. LIME WAS SPREAD AROUND THE AREA.	VACTORED DISCHARGE SITE & WET WELL. REPAIRED ELECTRICAL SERVER & REPLACED AIR COMPRESSOR.
DEREK R. GUTHRIE	KY0078956	3721 DIXIE HWY	02/22/11 7:46: PM	02/22/11 09:08 PM	450 GAL	Sewer Main (	06940B-AG	GROUND	UPPER MILL CREEK	BROKEN FORCE MAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1210147	LIME SPREAD AROUND EFFECTED AREA	REPAIRS UNDERWAY, STAION BEING HAULED UNTILL REPAIRS ARE COMPLETE
DEREK R. GUTHRIE	KY0078956	3310 FERN LEA RD	03/18/11 9:15: AM	03/18/11 10:30 AM	750 GAL	Sewer Main	26372	DITCH	PADDY RUN	DAMAGED BY NEW CONSTRUCTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1229417	CONTRACTOR CLEANED AND SANITIZED AREA	REPAIRS MADE BY CONTRACTOR
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	DISDW DRY WEATHER DISCHARGE	1241728	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1242209, 1250507, 1251847, 1251849 & 1251851 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	11400 INTERCHANGE DR	04/18/11 1:15: PM	04/18/11 02:24 PM	60 GAL	Sewer 9 Manhole	96724	GROUND	BRAINER CREEK	OBSTRUCTION IN MANHOLE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1245813	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1245830 - FLUSHED AND OPEN THE MAIN SEWER
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	DISDW DRY WEATHER DISCHARGE	1254786	MSD RAKED, CLEANED & SANITIZED THE AREA	TURNED OFF THE #2 PUMP & STARTED THE #1 PUMP
JEFFERSONTOWN	KY0025194	2409 PLANTSIDE DR	05/27/11 1:13: PM	05/27/11 01:14 PM	100 GAL	Sewer 2 Manhole	29343-SM	GROUND	CHENOWETH RUN	PUMP AROUND PUMP FAILED	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1270123	NO CLEANUP REQUIRED NO SOLIDS OR DEBRIS	FIXED THE PUMP
MORRIS FORMAN	KY0022411	2515 WOODSIDE RD	06/23/11 5:15: PM	06/23/11 05:20 PM	1,250 GAL	Sewer 9 Manhole	91782	GROUND	LONGVIEW CREEK	TILT BULBS SITTING ON LAYER OF GREASE	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1287665	MSD AND CONTRACTOR CLEANED AND SANITIZED THE AREA	MSD HAD CONTRACTOR VACTOR GREASE FROM WET WELL
MORRIS FORMAN	KY0022411	4108 LEE AVE	04/12/11 12:00: PM	04/14/11 05:27 PM	29,550 GAL	Sewer I Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	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 I Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	1255538	DISCLN WO# 1258744	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 Discharg To	Receiving	Cause of Overflow	Due To	Weather W	NO # Cleanup Efforts by MSD	Repair Efforts by MSD
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	DISREV RAIN 1266747 EVENT DISCHARGE	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	DISREV RAIN 1253353 EVENT DISCHARGE	DISCLN WO# 1255379	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2853 HIKES LN	11/25/10 6:28: PM	11/26/10 07:10 AM	117,450 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN AREA	PUMPED OVERFLOW	DISREV RAIN 1170731 EVENT DISCHARGE	PIPE DISCHARGE SUBMERGED- NO CLEANUP	THIS LOCATION IS IN THE INTERIM SANITIARY SEWER PLAN
MORRIS FORMAN	KY0022411	2853 HIKES LN	11/30/10 4:21: AM	11/30/10 08:17 PM	25,299 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN AREA	PUMPED OVERFLOW	DISREV RAIN 1171636 EVENT DISCHARGE	6 PIPE DISCHARGE SUBMERGED- NO CLEANUP	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN.
MORRIS FORMAN	KY0022411	2853 HIKES LN	02/24/11 10:08: PM	02/26/11 08:35 PM	718,650 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN AREA	PUMPED OVERFLOW	DISREV RAIN 1211567 EVENT DISCHARGE	PIPE DISCHARGE SUBMERGED- NO CLEANUP	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN.
MORRIS FORMAN	KY0022411	2853 HIKES LN	02/28/11 6:26: AM	03/02/11 12:19 AM	753,350 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	PUMPED OVERFLOW	DISREV RAIN 1217466 EVENT DISCHARGE	6 PIPE DISCHARGE SUBMERGED- NO CLEAN UP	THIS LOCATION IS IN TEH INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	2853 HIKES LN	03/05/11 12:42: PM	03/05/11 10:53 PM	4,673 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	PUMPED OVERFLOW	DISREV RAIN 1218733 EVENT DISCHARGE	PIPE DISCHARGE SUBMERGED - NO CLEAN UP	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	2853 HIKES LN	03/09/11 12:50: AM	03/12/11 12:50 AM	4,646,371 GAL	Sewer Lift Station	MSD0012-PS STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	DISREV RAIN 1219925 EVENT DISCHARGE	NO 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	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1242540 EVENT DISCHARGE	0 PIPE DISCHARGE SUBMERGED- NO CLEANUP	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN.
MORRIS FORMAN	KY0022411	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1249249 EVENT DISCHARGE	9 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	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1266928 EVENT DISCHARGE	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	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1267796 EVENT DISCHARGE	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	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1285189 EVENT DISCHARGE	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	2853 HIKES LN	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	PUMPED OVERFLOW	DISREV RAIN 1285820 EVENT DISCHARGE	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	DISDW DRY 1244750 WEATHER DISCHARGE	B&H TO HAUL & TO DO CLEANUP & SANITIZING, MTN MAKE REPAIRS	TO SHUT PUMPS OFF TO STOP FLOW
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	03/10/11 1:30: PM	03/19/11 11:05 AM	9,999 GAL	Sewer Lift Station	MSD0023-PS STREAM	MUDDY FORK BEARGRASS CREEK	OHIO RIVER AT FLOOD STAGE & ACCESS TO FACILITY NOT ACCESSABLE.	Y LACK OF SYSTEM CAPACITY	DISREV RAIN 1222425 EVENT DISCHARGE	AREA FLOODED- NO CLEANUP	A SOLUTION FOR THIS DISCHARGE IS INCLUDED IN THE IOAP OR SANITARY DISCHARGE PLAN (OHIO RIVER AT FLOOD STAGE)
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	DISREV RAIN 1243811 EVENT DISCHARGE	1 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	DISREV RAIN 1248902 EVENT DISCHARGE	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	DISREV RAIN 1253413 EVENT DISCHARGE	3 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	DISREV RAIN 1249501 EVENT DISCHARGE	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVETNT RECON-WILL MONITOR & EVALUATE FOR REPAIR

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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
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 I	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	DISREV RAIN 125 EVENT DISCHARGE	4944	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	DISREV RAIN 126 EVENT DISCHARGE	7850	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	804 N ARBOR DR	02/28/11 1:30: PM	02/28/11 01:35 PM	10 GAL	Sewer Lift Station	MSD0056-LS	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 121 EVENT DISCHARGE	5789	NO DEBRIS	HAULED TO PREVENT FURTHER OVERFLOW WO#1215762
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	DISREV RAIN 125 EVENT DISCHARGE	5318	NO CLEANUP POSSIBLE DUE TO REOCCURING DISCHARGE WO# 1256281	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN TEH IOAP PLAN.
MORRIS FORMAN	KY0022411	6600 SEMINARY WOODS PL	09/19/10 12:05: PM	09/19/10 12:31 PM	1,200 GAL	Sewer Lift Station	MSD0123-PS	DITCH	GOOSE CREEK	ELECTRICAL PROBLEMS WITH #3 PUMP	ELECTRICAL PROBLEMS AT MSD	S DISDW DRY WEATHER DISCHARGE	6112	MSD CLEANED & SANITIZED THE AREA	MSD IS HAULING STATION UNTILL REPAIRS ARE COMPLETE
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	DISREV RAIN 125 EVENT DISCHARGE	3365	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	DISREV RAIN 125 EVENT DISCHARGE	3369	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	DISREV RAIN 125 EVENT DISCHARGE	55500	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	DISREV RAIN 125 EVENT DISCHARGE	8245	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	DISREV RAIN 125 EVENT DISCHARGE	3382	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	DISREV RAIN 125 EVENT DISCHARGE	8083	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4522 ALGONQUIN PKY	07/27/10 5:25: PM	07/28/10 01:41 AM	21,700,000 GAL	Sewer Treatment Plant	MSD0278	STREAM	OHIO RIVER	BATTERY C WAS TAKEN DOWN MONDAY MORNING INTO CLOSED LOOP DUE TO BACTERIA KILL.	BYPASS AT WQTC	DISREV RAIN 1111 EVENT DISCHARGE	5253	NO CLEANUP REQUIRED, PIPE DISCHARGES DIRECTLY TO RIVER.	TANK #4 IS IN FINAL STAGES OF REPAIR. BATTERY C IS BEING SEEDED AT THIS TIME. AWAITING LABORATOR' RESULTS FOR FURTHER INFORMATION.
MORRIS FORMAN	KY0022411	1731 BROWNSBORO RD	03/10/11 10:55: AM	03/17/11 03:19 AM	962,400 GAL	Storm Lift Station	MSD0301-FP	STREAM	OHIO RIVER	FLOOD PUMPING	PUMPED DUE TO COE MANUAL	DISREV RAIN 122 EVENT DISCHARGE	3558	NONE REQUIRED. IT IS FLOWING INTO THE BEARGRASS PS WETWELL	MONITOR THE RIVER LEVEL TO DETERMINE WHEN FLOW CAN BE RESTORED TO NORMAL
MORRIS FORMAN	KY0022411	147 BUCHANAN ST	03/13/11 6:36: PM	03/14/11 03:22 AM	23,670,000 GAL	Storm Lift Station	MSD0302-FP	STREAM	OHIO RIVER	STARKEY PS IS IN FLOOD MODE AND 2 PUMP ARE PUMPING FLOW TO THE OHIO RIVER	PUMPED DUE TO COE MANUAL	DISDW DRY 122 WEATHER DISCHARGE	4072	FLOWS ARE BEING PUMPED TO THE OUTKET PIPE OF CSO 020 THAT GOES TO THE OHIO RIVER. NONE REQUIRED	CONTINUED TO MONITOR THE WEATHER AND THE RIVER ELEVATIONS TO TAKE ACTION.
MORRIS FORMAN	KY0022411	147 BUCHANAN ST	03/22/11 1:25: PM	03/22/11 02:42 PM	335,000 GAL	Storm Lift Station	MSD0302-FP	STREAM	OHIO RIVER	MECHANICAL PLUG FAILED	MECHANICAL FAILURE	DISDW DRY 123 WEATHER DISCHARGE	30823	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	MAINTENANCE REPAIRED PLUG
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	DISREV RAIN 124 EVENT DISCHARGE	9657	CLEANUP OCCURRED AS PART OF RESTORATION ACTIVITIES WHEN FLOODING RECEDED.	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
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	DISREV RAIN 124 EVENT DISCHARGE	2545	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	DISREV RAIN 125 EVENT DISCHARGE	6036	DISCLN WO# 1259778	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTION
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	DISREV RAIN 125 EVENT DISCHARGE	5426	DISCLN WO# 1255430	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTION
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	DISREV RAIN 125 EVENT DISCHARGE	6316	SITE HAS BEEN TURNED OVER TO I&FP FOR FURTHER INVESTIGATION OF DISCHARGE	LOCATION INCLUDED IN THE IOAP

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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
CEDAR CREEK	KY0098540	8400 ARBOR MEADOW WAY	07/13/10 12:45: PM	07/13/10 12:56 PM	50 GAL	Sewer Manhole	106692	GROUND	PENNSYLVANIA RUN	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN 1107 EVENT DISCHARGE	7556	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1107547 - FLUSHED AND REMOVED THE DEBRIS FROM SEWER
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	DISREV RAIN 1242 EVENT DISCHARGE	2916	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	DISREV RAIN 1253 EVENT DISCHARGE	3936	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	DISREV RAIN 1242 EVENT DISCHARGE	2911	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	DISREV RAIN 1252 EVENT DISCHARGE	2842	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	DISREV RAIN 1242 EVENT DISCHARGE	2903	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 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	DISREV RAIN 1252 EVENT DISCHARGE	2890	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	DISREV RAIN 1256 EVENT DISCHARGE	6226	MSD CLEANED AND SANITIZIED 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	DISREV RAIN 1242 EVENT DISCHARGE	2895	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	DISREV RAIN 1252 EVENT DISCHARGE	2911	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	DISREV RAIN 1242 EVENT DISCHARGE	2935	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	9816 WILLIAMSBOROUG H LN	02/17/11 10:30: AM	02/17/11 01:52 PM	500 GAL	Sewer Manhole	88391	GROUND	CEDAR CREEK	OBSTUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY 1208 WEATHER DISCHARGE	3160	DAMMED DOWNSTREAM CULVERT AND SET VACTOR TO PREVENT FURTHER IMPACTS, THEN FLUSHED AND WASHED AREA. CLEANED AND SANITIZED THE IMPACTED AREA.	WORK ORDERS 1208168 AND 1208171 - ROOT CUT AND SLUSHED THE MAIN SEWER
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	08/02/10 1:48: AM	08/02/10 01:54 AM	7,398 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	UV LAMPS DID NOT COME ON IN AUTO	BYPASS AT WQTC	DISDW DRY 1116 WEATHER DISCHARGE	6789	FLOW DIRECTLY DISCHARGES TO CREEK, NO CLEANUF POSSIBLE	CLOSED GATE TO STOP BYPASS
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	11/16/10 4:30: AM	11/16/10 05:16 AM	530 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	STRUCTURAL FAILURE OF THE UV INFLUENT GATE CHANNEL. CORROSION OF THE ALUMINUM GATE ALLOWED WATER TO SEEP PAST THE GATE SEALS.	BYPASS AT WQTC	DISDW DRY 1165 WEATHER DISCHARGE	5777	CLEANUP NOT POSSIBLE DUE TO DISCHARGE INTO EFFLUENT CHANNEL ALONG WITH FULLY TREATED WATER	CLOSE GATE TO FULL CLOSED POSITION & PUMP BACK UNTREATED WATER TO THE SYSTEM
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	02/25/11 2:00: AM	02/25/11 03:30 AM	500 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	HEAVY RAINS IN AREA OVERWHELMED THE SAND FILTER	BYPASS AT WQTC	DISREV RAIN 1211 EVENT DISCHARGE	1607	NONE, WATER FLOWED OUT INTO ROAD & WAS WASHED AWAY BY RAIN	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	03/09/11 5:45: AM	03/09/11 05:50 AM	375 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	CEDAR CREEK: RAIN EVENT CAUSED OVERWHELMING OF SAND FILTERS BYPASSING UV TREATMENT	BYPASS AT WQTC	DISREV RAIN 1219 EVENT DISCHARGE	9949	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	OPENED THE BYPASS GATE
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	DISREV RAIN 1243 EVENT DISCHARGE	3500	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	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	DISREV RAIN 1249 EVENT DISCHARGE	9622	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	DISREV RAIN 1249 EVENT DISCHARGE	9627	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP
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	DISREV RAIN 1249 EVENT DISCHARGE	9620	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
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	DISREV RAIN 124 EVENT DISCHARGE	9653	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	DISREV RAIN 125 EVENT DISCHARGE	6180	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	DISREV RAIN 124 EVENT DISCHARGE	3056	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	DISREV RAIN 124 EVENT DISCHARGE	9617	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	DISREV RAIN 125 EVENT DISCHARGE	2990	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	02/24/11 10:25: PM	02/25/11 02:30 AM	2,450 GAL	Sewer Lift Station	MSD1063-PS	DITCH		LACK OF CAPACITY, OVERFLOW DUE TO RAIN EVENT IN AREA.	LACK OF SYSTEM CAPACITY	DISREV RAIN 121 EVENT DISCHARGE	1558	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	6210 DEEP CREEK CT	03/09/11 1:08: AM	03/10/11 03:00 PM	22,720 GAL	Sewer Lift Station	MSD1063-PS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	DISREV RAIN 121 EVENT DISCHARGE	9926	MSD CLEANED & SANITIZED THE AREA	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	DISREV RAIN 124 EVENT DISCHARGE	2551	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	DISREV RAIN 124 EVENT DISCHARGE	9250	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	DISREV RAIN 125 EVENT DISCHARGE	5534	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	10/25/10 5:02: PM	10/25/10 05:35 PM	1,000 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	HOME OWNER DRAINING POOL	MECHANICAL FAILURE	DISDW DRY 115 WEATHER DISCHARGE	6201	NO CLEAN UP REQUIRED ONLY CLEAR WATER	MSD CONTRACTOR IS HAULING STATION UNTILL DISCHARGE STOPS
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	DISREV RAIN 125 EVENT DISCHARGE	2993	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	DISREV RAIN 126 EVENT DISCHARGE	9500	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		LACK OF CAPACITY DUE TO RAIN EVENT IN AREA & PUMPS HAVE NOT CAUGHT UP FOR EVENING SURGE OF WATER USE IN THE COMMUNITY		DISREV RAIN 127 EVENT DISCHARGE	0939	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	DISREV RAIN 124 EVENT DISCHARGE	9507	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON-WILL MONITOR & EVALUATE FOR REPAIR
TIMBERLAKE	KY0043087	7009 BREAKWATER PL	11/24/10 9:36: AM	11/30/10 04:30 PM	52,200 GAL	Sewer Main	103508-V	GROUND	HARRODS CREEK	STRUCTURIAL FAILURE OF FORCEMAIN	STRUCTURAL FAILURE	DISREV RAIN 117. EVENT DISCHARGE	2189	MSD PERSONELL CLEANED AND SANITIZED THE AREA	MSD CONTRACTOR WILL MAKE REPAIRS
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	LACK OF SYSTEM CAPACITY	DISREV RAIN 125 EVENT DISCHARGE	7954	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	LACK OF SYSTEM CAPACITY	DISREV RAIN 125 EVENT DISCHARGE	8015	NONE DUE TO CREEK FLOODED	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	3005 LONG CREEK WAY	11/19/10 1:34: PM	11/19/10 09:30 PM	9,600 GAL	Sewer Valve	108247-V	GROUND	KLEMENZ CREEK	ARV WAS BAD	MECHANICAL FAILURE	DISDW DRY 116 WEATHER DISCHARGE	9298	CONTRACTOR CLEANED & SANITIZED THE AREA.	REPLACED ARV; HAULED UNTIL ARV REPLACED #1169547
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	03/09/11 6:53: AM	03/09/11 09:00 AM	20,000 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	DISREV RAIN 122 EVENT DISCHARGE	0128	CLEANED AND RESTORED IMPACTED AREA	THIS LOCATION IS INCLUDED IN IOAP

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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
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	DISREV RAIN 124. EVENT DISCHARGE	2705	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	DISREV RAIN 124: EVENT DISCHARGE	9602	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	DISREV RAIN 1249 EVENT DISCHARGE	9607	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	DISCLN WORK ORDER#1249663 HAS BEEN CREATED TO CLEAN THE IMPACTED AREA
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	DISREV RAIN 125. EVENT DISCHARGE	2762	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	DISREV RAIN 1250 EVENT DISCHARGE	6220	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
FLOYDS FORK	KY0102784	900 JOHNSON RD	09/09/10 2:49: PM	09/09/10 06:00 PM	1,000 GAL	Sewer Main	53994A-V	STREAM	BRUSH RUN	STRUCTURAL FAILURE	STRUCTURAL FAILURE	DISDW DRY 113 WEATHER DISCHARGE	1144	MSD PERSONELL CLEANED AND SANITIZED AREA	CONTRACTOR MADE REPAIRS AND HAULED STATION UNTILL REPAIRS COMPLETE
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	DISREV RAIN 124: EVENT DISCHARGE	2624	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	DISREV RAIN 1249 EVENT DISCHARGE	9605	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	DISREV RAIN 1253 EVENT DISCHARGE	2763	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOULTION 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	DISREV RAIN 1250 EVENT DISCHARGE	6213	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	DISREV RAIN 1249 EVENT DISCHARGE	9630	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	DISREV RAIN 1250 EVENT DISCHARGE	6195	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	DISREV RAIN 124: EVENT DISCHARGE	3055	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	DISREV RAIN 1256 EVENT DISCHARGE	8023	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CHENOWETH RUN	KY0042226	14310 LAKE FOREST DR	10/12/10 11:50: AM	10/12/10 12:30 PM	200 GAL	Sewer Main	80351B-AG	GROUND	CHENOWETH RUN	FORCE MAIN BREAK	STRUCTURAL FAILURE	DISDW DRY 114: WEATHER DISCHARGE	9533	NO DEBRIS OBSERVED	CONTRACTOR REPAIRED FORCE MAIN
CHENOWETH RUN	KY0042226	14307 WAKEFIELD PL	08/11/10 9:18: AM	08/11/10 02:00 PM	1,410 GAL	Sewer Main	80351C-AG	CATCH BASIN	CHENOWETH RUN	FORCE MAIN BREAK	STRUCTURAL FAILURE	DISDW DRY 1111 WEATHER DISCHARGE	9740	NO DEBRIS TO CLEAN UP	MSD HAULED STATION UNTIL CONTRACTOR COMPLETES REPAIRS
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	DISDW DRY 126: WEATHER DISCHARGE	2728	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	DISREV RAIN EVENT DISCHARGE	3078	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	DISREV RAIN 125: EVENT DISCHARGE	2909	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	DISREV RAIN 1256 EVENT DISCHARGE	8039	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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
CHENOWETH RUN	KY0042226	613 WOODLAKE DR	07/26/10 9:45: AM	07/26/10 10:15 AM	150 GAL	Sewer Main	MSD1171-PS	GROUND	CHENOWETH RUN	STRUCTURE FAILURE STILL TO BE EXCAVATED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1114671	B&H WAS CALLED TO HAUL SEWAGE  B&H IS ON SITE HAULING. B&H WAS REQUESTED TO VACTOR / CLEAN THE CREEK.	B&H WAS CALLED TO HAUL SEWAGE & CHEROKEE WAS CALLED FOR EXCAVATION.□ B&H IS ON SITE HAULING.□ B&H WAS REQUESTED TO VACTOR / CLEAN THE

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## **APPENDIX B-2 - DISCHARGE WORK ORDERS-BYPASS**



Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location		Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	07/22/10 3:45: PM 07/2	22/10 06:45 PM	90 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	STRUCTURE FAILURE OF PERMITTED DISCHARGE PIPE	BYPASS AT WQTC	DISDW DRY WEATHER DISCHARGE		NO CLEAN UP REQUIRED DISCHARGE IS FULLY TREATED WATER	CONTRACTOR MADE REPAIRS TO THE PIPE
HITE CREEK	KY0022420	5500 HITT RD	08/13/10 8:40: PM 08/1	13/10 08:53 PM	45,000 GAL	Sewer Treatment Plant	MSD0202	STREAM	HITE CREEK	LG&E POWER FAIL	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1120760	MSD CLEANED & SANITIZED THE AREA	GENERATOR PROVIDING POWER UNTIL NORMAL POWER RESTORED
CHENOWETH HILLS	KY0029459	4305 ST RENE CT	11/25/10 8:45: PM 11/2	25/10 11:40 PM	77,800 GAL	Sewer Treatment Plant	MSD0263	STREAM	CHENOWETH RUN	RAIN EVENT CAUSED BYPASS LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1170737	NO CLEANUP REQUIRED SUBMERGED DISCHARGE PIPE	RAIN SUBSIDED
BERRYTOWN	KY0036501	1203 HEAFER RD	02/02/11 1:13: AM 02/0	02/11 01:15 AM	30 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1196294	NO DEBRIS	TURNED BLOWERS OFF TO SETTLE TANK & STOP OVERFLOW
BERRYTOWN	KY0036501	1203 HEAFER RD	02/25/11 10:30: AM 02/2	25/11 04:19 PM	18,000 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1213792	MSD CLEANED, SANITIZED & LIMED THE AREA	HAULING UNTIL STATION REPAIRED. WORK ORDER #1214472
BERRYTOWN	KY0036501	1203 HEAFER RD	02/28/11 12:00: PM 02/2	28/11 02:25 PM	10,875 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	AERATION TANK LEAKING DURING RAIN EVENT	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1215307	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
BERRYTOWN	KY0036501	1203 HEAFER RD	03/09/11 7:55: AM 03/1	10/11 03:45 PM	143,250 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1220235	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
HITE CREEK	KY0022420	5500 HITT RD	03/09/11 8:00: AM 03/0	09/11 08:30 AM	30,000 GAL	Sewer Treatment Plant	MSD0202	STREAM	HITE CREEK	INFLUENT GATE TO UV SYSTEM STUCK CLOSED	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1220161	NO DEBRIS	OPENED THE GATE & MAINTENANCE REPAIRED IT
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	04/11/11 7:14: PM 04/1	11/11 07:18 PM	3,964 GAL	Sewer Treatment Plant	MSD0258	STREAM	MUD CREEK	SOLIDS WASHING OUT OVER THE WEIR DUE TO HEAVY RAINS IN AREA	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1242548	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREA	M TURNED OFF BLOWERS TO STOP OVERFLOW
BERRYTOWN	KY0036501	1203 HEAFER RD	04/12/11 7:45: AM 04/1	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	DISREV RAIN EVENT DISCHARGE	1242974	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS SITE IS INCLUDED IN THE IOAP PLAN.
STARVIEW	KY0031712	423 BERMUDA WAY	04/12/11 11:45: AM 04/1	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	DISREV RAIN EVENT DISCHARGE	1243215	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
BERRYTOWN	KY0036501	1203 HEAFER RD	04/23/11 8:40: AM 04/2	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	DISREV RAIN EVENT DISCHARGE	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 04/2	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	DISREV RAIN EVENT DISCHARGE	1253476	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 9:00: AM 04/2	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	DISREV RAIN EVENT DISCHARGE	1252913	NO DEBRIS	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	04/27/11 10:00: AM 04/2	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	DISREV RAIN EVENT DISCHARGE	1253083	MSD CLEANED & SANITIZED THE AREA	WILL PATCH THE HOLE WHEN WATER RECEDES
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 1:00: PM 04/2	27/11 03:38 PM	15,800 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1253358	MSD CLEANED & SANITIZED THE AREA	SET UP GENERATOR #MSD0017 75KW
BERRYTOWN	KY0036501	1203 HEAFER RD	05/02/11 9:00: AM 05/0	04/11 04:35 AM	103,750 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	DIGESTOR LEAKING	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1255322	MSD CLEANED & SANITIZED THE AREA	DIGESTOR REPAIRED
BERRYTOWN	KY0036501	1203 HEAFER RD	05/26/11 4:40: AM 05/2	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	D BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1267804	NONE, INFLUENT DISCHARGED DIRECTLY TO STREAM & WASHED AWAY	HOOKED UP TEMPORARY GENERATOR MSD0020 TO REPLACE PERMANENT GENERATOR
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 8:15: AM 06/1	19/11 08:40 AM	364,000 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1281376	NO CLEAN UP PERFORMED ? PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER	LG&E RESTORED POWER
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	06/19/11 10:00: AM 06/1	19/11 10:30 AM	3,000 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	LOSS OF LG&E POWER	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1281379	MSD CLEANED & SANITIZED THE AREA	HOOKED UP MOBILE GENERATOR TO RESTORE POWER
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 2:30: PM 06/1	19/11 03:10 PM	596,409 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1281402	NO CLEANUP PERFORMED PIPES DISCHARGED UNDERWATER DIRECTLY INTO RIVER	LG&E RESTORED POWER

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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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4522 ALGONQUIN PKY	07/27/10 5:25: PM	07/28/10 01:41 AM	21,700,000 GAL	Sewer Treatment Plant	MSD0278	STREAM	OHIO RIVER	BATTERY C WAS TAKEN DOWN MONDAY MORNING INTO CLOSED LOOP DUE TO BACTERIA KILL.	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1115253	NO CLEANUP REQUIRED, PIPE DISCHARGES DIRECTLY TO RIVER.	TANK #4 IS IN FINAL STAGES OF REPAIR. BATTERY C IS BEING SEEDED AT THIS TIME. AWAITING LABORATORY RESULTS FOR FURTHER INFORMATION.
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	08/02/10 1:48: AM	08/02/10 01:54 AM	7,398 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	UV LAMPS DID NOT COME ON IN AUTO	BYPASS AT WQTC	DISDW DRY WEATHER DISCHARGE	1116789	FLOW DIRECTLY DISCHARGES TO CREEK, NO CLEANUP POSSIBLE	CLOSED GATE TO STOP BYPASS
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	11/16/10 4:30: AM	11/16/10 05:16 AM	530 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	STRUCTURAL FAILURE OF THE UV INFLUENT GATE CHANNEL. CORROSION OF THE ALUMINUM GATE ALLOWED WATER TO SEEP PAST THE GATE SEALS.	BYPASS AT WQTC	DISDW DRY WEATHER DISCHARGE	1165777	CLEANUP NOT POSSIBLE DUE TO DISCHARGE INTO EFFLUENT CHANNEL ALONG WITH FULLY TREATED WATER	CLOSE GATE TO FULL CLOSED POSITION & PUMP BACK UNTREATED WATER TO THE SYSTEM
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	02/25/11 2:00: AM	02/25/11 03:30 AM	500 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	HEAVY RAINS IN AREA OVERWHELMED THE SAND FILTER	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1211607	NONE, WATER FLOWED OUT INTO ROAD & WAS WASHED AWAY BY RAIN	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	03/09/11 5:45: AM	03/09/11 05:50 AM	375 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	CEDAR CREEK: RAIN EVENT CAUSED OVERWHELMING OF SAND FILTERS BYPASSING UV TREATMENT	BYPASS AT WQTC	DISREV RAIN EVENT DISCHARGE	1219949	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	OPENED THE BYPASS GATE
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	DISREV RAIN EVENT DISCHARGE	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	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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	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	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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	1258039	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

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## **APPENDIX B-3 - DISCHARGE WORK ORDERS-BLENDING**



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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	08/14/10 6:29: PM	08/14/10 10:45 PM	275,497 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1120818	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS SCHEDULED FOR ELIMINATION BY DECEMBER 2015
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	11/25/10 1:07: PM	11/26/10 07:38 AM	2,838,171 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1170698	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVE	L NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	11/30/10 3:29: AM	11/30/10 11:45 PM	1,067,355 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1171634	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVE	EL NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	01/01/11 7:38: AM	01/01/11 06:34 PM	839,840 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1185849	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	02/01/11 8:12: PM	02/01/11 11:37 PM	132,886 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1196264	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	02/24/11 9:46: PM	02/26/11 02:29 AM	5,206,733 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE	1211565	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	02/28/11 7:00: AM	03/01/11 01:24 AM	3,061,868 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE		NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	03/05/11 8:23: PM	03/05/11 11:31 PM	36,132 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY RAIN EVENT IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE		NO CLEAN UP REQUIRED PIPE DISCHARGE UNDER WATE DIRECTLY INTO STREAM	R NEGOTATIONS UNDER WAY TO ALLOW TEMPORARY DISCHARGE
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	03/09/11 12:50: AM	03/10/11 11:45 PM	9,733,803 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	DISREV RAIN EVENT DISCHARGE		NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE		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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE		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	DISREV RAIN EVENT DISCHARGE	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	DISREV RAIN EVENT DISCHARGE		NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

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## **APPENDIX B-4 - DISCHARGE WORK ORDERS-GROUND**



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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	_	7900 MINOR LN	07/16/10 5:00: PM	1 07/16/10 06:02 PM	25 GAL	Sewer Manhole	58065	DITCH	SOUTHERN DITC	CH GREASE BLOCKAGE	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1115847	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1109945 - FLUSHED AND ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	2800 OUTER LOOP	07/16/10 5:00: PM	07/16/10 06:07 PM	25 GAL	Sewer Manhole	58066	GROUND	SOUTHERN DITC	CH GREASE BLOCKAGE	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1109947	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1109945 - FLUSHED AND ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3238 ELLIS WAY	07/19/10 10:45: AN	1 07/19/10 11:24 AM	1 GAL	Sewer Service Line	082E00560000A	GROUND	SOUTH FORK BEARGRASS CREEK	ROOTS IN MAIN SEWER AND IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1110327	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1119326, 1111775 AND 1112658 - ROOT CUT MAIN; ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	5500 HITT RD	07/20/10 11:07: AN	07/20/10 11:09 AM	50 GAL	Sewer Treatment Plant	MSD0202	STREAM	HITE CREEK	PROCESS WATER LINE BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1110880	WATER SATURATED INTO GRASS, NO CLEANUP	EMPLOYEE SHUT OFF PROCESS WATER VALVE FOR REPAIRS
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	07/21/10 2:00: PM	1 07/21/10 02:45 PM	1,500 GAL	Sewer Lift Station	MSD0228A-PS	GROUND	PENNSYLVANIA RUN	LG&E DISCONNECTED POWER TO THE PLANT DUE TO POLE DAMAGE, THE WET WELL OVERFLOWED WHILE HOOKING UP THE AUXIALARY GENERATORS		DISDW DRY WEATHER DISCHARGE	1111548	NO DEBRIS & MSSD CLEANED & SANITIZED THE AREA	GOT THE AUXIALRY GENERATORS RUNNING
DEREK R. GUTHRIE	KY0078956	9715 EL PRADO ST	07/22/10 1:00: PN	1 07/22/10 03:30 PM	15 GAL	Sewer Manhole	09730	GROUND	PONDER CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1111700	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	1111681, 1111697, 1111763, 1111765, AND 1111766 - ROOT CUT AND FLUSHED THE MAIN SEWER
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	07/23/10 8:40: AN	1 07/23/10 09:05 AM	100 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	FAULTY ONE WAY CHECK VALVE	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1112431	AREA VACTORED & LIME SPREAD.	CHECK VALVE REPLACED & AREA VACTORED.
DEREK R. GUTHRIE	KY0078956	8700 BLUE LICK RD	07/31/10 1:29: PN	1 07/31/10 01:40 PM	10 GAL	Sewer Service Line	175437			ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1116588	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1116586 AND 1116587 - ROOT CUT THE MAIN SEWER AND REMOVED ROOTS AND OBSTRUCTION
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	08/04/10 12:00: PN	1 08/04/10 02:30 PM	10 GAL	Sewer Main	105830	GROUND	MILL CREEK	CONTRACTOR DRILLED THROUGH 10" LINE WHILE INSTALLING SHORING TIE BACK	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1119599	CONTRACTOR CLEANED AREA AS PART OF REPAIR WORK	CONTRACTOR REPAIRED 10" LINE BY INSTALLING APPROXIMATELY 5" OF NEW 10" LINE
HITE CREEK	KY0022420	4512 YAGER LN	08/15/10 3:24: PN	1 08/15/10 04:02 PM	2 GAL	Sewer Manhole	01027	CATCH BASIN	HITE CREEK	OBSTRUCTION IN MANHOLE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1120919	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1121655 - FLUSHED AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	3412 FOUNTAIN DR	08/24/10 4:00: PN	1 08/26/10 04:40 PM	10 GAL	Sewer Service Line	39453412			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1123948	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1123781 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	685 S 44TH ST	08/26/10 6:26: PM	1 08/26/10 06:27 PM	5 GAL	Sewer Service Line	130287			ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1124499	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1124566, 1126910 AND 1127121 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7705 CIRCLE CREST RD	08/28/10 6:00: PM	1 08/28/10 08:00 PM	15 GAL	Sewer Manhole	46812	DITCH	GOOSE CREEK	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1127103	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1127102 - REMOVED ROOTS FROM MAIN SEWER LINE
MORRIS FORMAN	KY0022411	2420 LONGEST AVE	09/15/10 9:18: AN	1 09/15/10 09:19 AM	1 GAL	Sewer Service Line	62381			MASSIVE ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1134637	MSD PERSONNEL CLEANED AND SANITIZIED THE IMPACTED AREA	WOR ORDERS 1134642 AND 1134669 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	09/20/10 6:00: AN	1 09/20/10 06:05 AM	75 GAL	Sewer Treatment Plant	MSD0258	STREAM	MUD CREEK	DISCHARGE HOSE TO THE TRASH PUMP CAME OFF AND SPILLED ONTO THE GROUND	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1136439	MSD CLEANED AND SANITIZED THE AREA	TIED THE HOSE AT ANOTHER LOCATION
MORRIS FORMAN	KY0022411	4506 DEEPWOOD DR	09/22/10 9:00: AN	1 09/22/10 10:41 AM	125 GAL	Sewer Manhole	30082	GROUND	GOOSE CREEK	ROOTS IN MSD MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1137266	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACT AREA	WORK ORDER 1137274 - ROOTCUT AND OPENED THE MSD MAIN SEWER
MORRIS FORMAN	KY0022411	3115 MARLIN RD	10/09/10 12:02: PN	1 10/09/10 01:42 PM	2 GAL	Sewer Manhole	02523	GROUND	SOUTH FORK BEARGRASS CREEK	ROOT IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1147528	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION
STARVIEW	KY0031712	423 BERMUDA WAY	10/13/10 10:21: AN	1 10/13/10 01:45 PM	375 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	LEAKING CLARIFIER	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1149870	CONTRACTOR CLEANED & SANITIZED THE AREA	MSD REPAIRED THE CLARIFIER
STARVIEW	KY0031712	423 BERMUDA WAY	10/13/10 7:55: PN	1 10/13/10 08:10 PM	7 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	STRUCTURAL FAILURE OF TANK WALL	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1151598	NO DEBRIS	CLARIFIER TANKEN OUT OF SERVCIE TILL REPAIRS ARI COMPLETE
MORRIS FORMAN	KY0022411	805 RUGBY PL	10/19/10 5:34: PN	1 10/19/10 06:30 PM	5 GAL	Sewer Manhole	01819	DITCH	HURSTBOURNE CREEK	ROOTS ON MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1153684	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1153832 AND 1153973 - ROOT CUT THE MAIN SEWERS
JEFFERSONTOWN	KY0025194	4304 RIVANNA DR	10/19/10 6:40: PN	1 10/19/10 06:41 PM	3 GAL	Sewer Lift Station	MSD0151-PS	GROUND	FERN CREEK	CONTARTOR ERROR WHILE CLEARING VACTOR HOSE	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1153670	MSDCLEANED AND SANITIZED AREA	CONTRACTOR RECIEVED REMEDIAL TRAINING

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	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	_	7301 RAINBOW DR	11/10/10 10:00: PM	11/10/10 11:19 PM	1 GAL	Sewer Manhole	10105	CATCH BASIN	MILL CREEK	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1164714	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1164712, 1164713 - ROOT CUT THE MAIN SEWER
HITE CREEK	KY0022420	10701 KINGS CROWN DR	11/12/10 9:00: AM	11/12/10 09:05 AM	50 GAL	Sewer Valve	102679-V	DITCH	HITE CREEK	MECHANICAL FAILURE OF ARV	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1165158	MSD CLEANED AND SANITIZED AREA	MSD MADE REPAIRS TO VALVE
MORRIS FORMAN	KY0022411	1253 GOSS AVE	11/14/10 7:31: PM	11/14/10 08:52 PM	1 GAL	Sewer Manhole	66327	GROUND	SOUTH FORK BEARGRASS CREEK	GREASE BLOCKAGE IN THE MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1165428	MSD PERSONNEL CLEAN THE AREA	WORK ORDERS 1165426 AND 1169265 - FLUSHED AND ROOT CUT MAIN SEWER.
MORRIS FORMAN	KY0022411	300 PENRUTH AVE	11/20/10 11:30: AM	11/20/10 12:53 PM	5 GAL	Sewer Service Line	81742D			OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1169419	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1169491 - FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	8919 WILLOWCREEK DR	11/20/10 1:35: PM	11/20/10 02:29 PM	10 GAL	Sewer Service Line	PC07271059			ROOTS IN MAIN SEWER AND STRUCTURAL DAMAGE MSD'S PORTION OF THE PROPERTY SERVICE LINE	IN STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1169438	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1169466, 1169467,L AND 1172016 - ROOT CUT MAIN SEWER, ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4121 LEE AVE	12/02/10 8:00: AM	12/02/10 10:30 AM	10 GAL	Sewer Manhole	13945	GROUND	SOUTH FORK BEARGRASS CREEK	DURING SEWER REPLACEMENT, A SECTION OF LINE THAT SERVES 2 HOUSES WAS NOT RECONNECTED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1173258	MSD PERSONELL CLEANED AND SANITIZED THE AREA	A PORTABLE PUMP WAS USED TO PUMP ANY ACCUMULATING FLOW INTO THE INTERCEPTOR WHILE REPAIRS WERE MADE
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	12/02/10 9:20: AM	12/02/10 09:34 AM	5 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	WHILE THE CONTRACTOR WAS CUTTING THE INFLUENT SEWAGE LINE RAW SEWAGE SPILLED ONTO THE GROUND.	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1173015	MSD CLEANED & SANITIZED THE AREA	CONTRACTOR WILL FINISH INSTALLING THE DISCHARGE LINE.
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	12/07/10 10:37: AM	12/07/10 10:40 AM	300 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	PVC CLEAN OUT FROZE AND BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1174467	MSD & THE CONTRACTOR CLEANED & SANITIZED THE AREA	MAINTENANCE INSTALLED NEW CLEAN OUT CAP
JEFFERSONTOWN	KY0025194	10004 ROBSION RD	12/10/10 5:15: PM	12/10/10 05:33 PM	1 GAL	Sewer Service Line	151677			ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179150	MSD'S PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1179148 AND 1179151 - FLUSHED AND RODDED THE PROPERTY SERVICE CONNECTION AND REMOVED ROOTS
DEREK R. GUTHRIE	KY0078956	4604 PALMA RD	12/10/10 7:00: PM	12/10/10 07:20 PM	1 GAL	Sewer Service Line	147600020000A			ROTOS AND GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179161	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1179188 AND 1179763 - FLUSHED AND REMOVED ROOTS AND GREASE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLEDA 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3725 KINGSBURY DR	12/19/10 5:00: PM	12/19/10 05:41 PM	10 GAL	Sewer Manhole	48741	GROUND	MIDDLE FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1181667	MSD'S PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1181668 AND 1181900 - FLUSHED AND ROOT CUT THE MAIN SEWER AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	3408 BRECKENRIDGE LN	12/22/10 5:00: PM	12/22/10 05:56 PM	10 GAL	Sewer Manhole	25414	GROUND	BUECHEL BRANCH	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1182347	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1182350 - FLUSHED THE MANHOLE AND REMOVED OBSTRUCTION
DEREK R. GUTHRIE	KY0078956	7013 ETHAN ALLEN WAY	12/23/10 12:10: AM	12/23/10 12:39 AM	1 GAL	Sewer Service Line	DD71391019			ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182396	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1182390 AND 1182451 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	12/28/10 8:20: AM	12/28/10 08:21 AM	40 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	FROZEN VALVE DISCHARGE ON B&H TRUCK	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1183314	CONTRACTOR CLEANED & SANITIZED THE AREA	CONTRACTOR CLOSED VALVE
DEREK R. GUTHRIE	KY0078956	8315 SMYRNA PKY	01/05/11 2:15: PM	01/05/11 03:45 PM	3 GAL	Sewer Service Line	103218315	GROUND	PENNSYLVANIA RUN	OBSTRUCTION IN MSD'S CLEANOUT	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1187642	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1187636 - FLUSHED THE PROPERTY SERVICE CONNECTION AND OPEN THE LINE
MORRIS FORMAN	KY0022411	211 MARYTENA DR	01/05/11 10:30: PM	01/05/11 10:43 PM	1 GAL	Sewer Service Line	112001640000A			ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1187682	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1187681 AND 1187909 - FLUSHED AND REPLACED THE CLEANOUT
MORRIS FORMAN	KY0022411	9821 VIEUX CARRE DR	01/16/11 3:10: AM	01/16/11 06:31 AM	10 GAL	Sewer Manhole	01879	GROUND	HURSTBOURNE CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1190774	MSD PERSONNEL CLEANED UP AND SANITIZED THE IMPACTED AREA	WORK ORDER 1190775 - ROOT CUT MAIN SEWER
DEREK R. GUTHRIE	KY0078956	8105 TERRY RD	01/27/11 4:30: PM	01/27/11 06:18 PM	10 GAL	Sewer Service Line	125168105			LWC DAMAGED MSD'S PROPERTY SERVICE LINE	UTILITY DAMAGED MSD ASSET	DISDW DRY WEATHER DISCHARGE	1194067	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1194074 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6215 HACKBERRY WAY	01/29/11 9:57: AM	01/29/11 10:19 AM	2 GAL	Sewer Service Line	PD21234019			OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1194946	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1194949 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1365 S BROOK ST	01/30/11 6:15: PM	01/30/11 06:30 PM	1 GAL	Sewer Service Line	12817			ROOTS ON MSD'S PORTION OF THE PROPERYT SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195080	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1195078 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2420 LONGEST AVE	01/30/11 10:00: PM	01/30/11 10:30 PM	1 GAL	Sewer Service Line	62381			SLIP LINING IN PIPE IS CLOSED AND GOING UPWARD	S OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1195071	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1198964 - REMOVED SLIP LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION

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	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	5252 BARDSTOWN RD	02/02/11 5:45: PM	1 02/02/11 06:07 PM	5 GAL	Sewer Service Line	106565252	GROUND	PICADILLY RUN	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1198824	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1198822 - FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	6219 PRICE LANE RD	02/03/11 11:30: PM	1 02/04/11 12:09 AM	1 GAL	Sewer Service Line	PD21028069	GROUND	FISHPOOL CREEK	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1199962	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1199961 - FLUSHED AND REFERRED TO AREA SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	4407 WINTER GARDEN CT	02/06/11 4:45: PM	1 02/06/11 06:50 PM	25 GAL	Sewer Manhole	25281	DITCH	BUECHEL TERRACE CREEK	GREASE, ROOTS AND TOWELS IN MSD MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1200586	MSM PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1200587 - FLUSHED AND REMOVED OBSTRUCTION FROM MANHOLE
HITE CREEK	KY0022420	5500 HITT RD	02/08/11 5:40: PM	1 02/08/11 05:45 PM	1 GAL	Sewer Treatment Plant	MSD0202	STREAM	HITE CREEK	LEAKING PIPE BASE ON #6 CLARIFIER	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1201608	MSD CLEANED AND SANITIZED AREA	FLOW SWITCHED TO #5 CLARIFIER TILL REPAIRS ARE MADE
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	02/13/11 3:20: PM	1 02/13/11 03:25 PM	30 GAL	Sewer Treatment Plant	MSD0255		CHENOWETH RUN	MUFFIN MONSTER WAS CLOGGED	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1203342	MSD CLEANED & SANITIZED THE AREA	MSD PERSONNEL UNCLOGGED THE MUFFIN MONSTER
MORRIS FORMAN	KY0022411	3200 WOODSIDE RD	02/16/11 9:05: AM	1 02/16/11 10:30 AM	200 GAL	Sewer Valve	69057C-V		LONGVIEW CREEK	BAD AIR RELEASE VALVE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1206174	MSD CLEANED, SANITIZED & SPREAD LIME AROUND THE EFFECTED AREA	MAINTENANCE REPLACED THE AIR RELEASE VALVE
MORRIS FORMAN	KY0022411	908 EXMOOR AVE	02/23/11 12:00: PM	1 02/23/11 02:50 PM	10 GAL	Sewer Manhole	44912	DITCH	MIDDLETOWN BRANCH	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1210492	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1210518, 1210519 AND 1210520 - ROOT CUT MAIN SEWER TO OPEN
DEREK R. GUTHRIE	KY0078956	8304 CLOVERPORT DR	02/25/11 6:00: PM	02/25/11 06:30 PM	2 GAL	Sewer Manhole	29239		PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1214081	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3330 GREEN HILL LN	02/25/11 7:30: PM	1 02/25/11 08:27 PM	5 GAL	Sewer Manhole	26772	DITCH	MUDDY FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214063	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1214065 - ROOT CUT AND OPEN THE LIN
MORRIS FORMAN	KY0022411	3001 MID DALE LN	03/09/11 8:50: AM	1 03/09/11 09:00 AM	200 GAL	Sewer Manhole	26652			LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1222549	NO CLEANED UP NEEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3012 MID DALE LN	03/09/11 10:30: AM	1 03/09/11 10:39 AM	50 GAL	Sewer Manhole	20644		SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220366	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WAIT TIL WEATHER BREAKS
DEREK R. GUTHRIE	KY0078956	7114 BETSY ROSS DR	03/09/11 8:20: PM	1 03/09/11 09:08 PM	1 GAL	Sewer Service Line	DD70699019			LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220845	NO CLEANUP REQUIRED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HITE CREEK	KY0022420	3809 BUGLEWOOD PL	03/13/11 3:14: PM	1 03/13/11 04:41 PM	10 GAL	Sewer Manhole	89016	STREAM	KLEMENZ CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1224056	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1224062 - FLUSHED THE MANHOLE
DEREK R. GUTHRIE	KY0078956	11810 MONDAMON DR	03/15/11 5:12: PM	1 03/15/11 05:42 PM	8 GAL	Sewer Service Line	178011	GROUND	POND CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1225323	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1225325 AND 1227034 -FLUSHED AND TAPCUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	4016 SPRINGHILL RD	03/23/11 10:55: PM	1 03/23/11 11:29 PM	1 GAL	Sewer Service Line	080600100047A			MASSIVE ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1231382	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1231380 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	4906 SHASTA TRL	04/01/11 6:25: PM	1 04/01/11 07:01 PM	1 GAL	Sewer Service Line	170673	GROUND	GREASY DITCH	GREASE BLOCKAGE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1238431	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1238430 - FLUSHED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	3201 JACKS LN	04/06/11 4:30: PM	1 04/06/11 04:55 PM	1 GAL	Sewer Service Line	108501650000A			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1240558	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1240570 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3233 RADIANCE RD	04/12/11 10:36: AM	1 04/12/11 10:56 AM	1,000 GAL	Sewer Manhole	18432	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243336	MSD PERSONNEL WILL CLEAN THE AREA	INVESTIGATION INDICATED THAT NO FUTHER ACTION REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3111 MID DALE LN	04/12/11 12:00: PM	1 04/12/11 12:13 PM	1,000 GAL	Sewer Manhole	20641	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM OF CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243321	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT NO FURTHER ACTION REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3022 BEAUMONT RD	04/12/11 2:45: PM	1 04/12/11 03:36 PM	100 GAL	Sewer Manhole	17592	GROUND	BROOKLAWN TRIBUTARY	SYSTEM IS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243326	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	SYSTEM NEEDS TO EMPTY
DEREK R. GUTHRIE	KY0078956	14011 PETWOOD BLVD	04/13/11 4:45: PM	1 04/13/11 05:30 PM	1 GAL	Sewer Service Line	DD70445019			ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1244805	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1244035 AND 1245188 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-CLEANOUT

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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	5400 CROSSTREE PL	04/14/11 8:30: PM	04/14/11 09:08 PM	1 GAL	Sewer Manhole	55357	GROUND	FISHPOOL CREE	K LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244772	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1473 FRANKFORT AVE	04/20/11 4:45: AM	1 04/20/11 05:45 AM	10,000 GAL	Storm Inlet	010101880	GROUND	SOUTH FORK BEARGRASS CREEK	FLOODGATES WERE CLOSED AND THE SEWER SYSTEM DID NOT HAVE CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1247683	INFRUSTRUCTION & FLOOD PROTECTION CREW WILL BE CLEANING THE STREET WITH A FLUSHER	AFTER THE RAIN EVENT, THE SEWER CAUGHT UP AND THE WATER IN THE STREET RECEDED.
MORRIS FORMAN	KY0022411	1473 FRANKFORT AVE	04/23/11 2:15: AM	04/23/11 04:25 AM	10,000 GAL	Storm Inlet	010101880	GROUND	SOUTH FORK BEARGRASS CREEK	WE ARE IN FLOOD MODE AND THE STARKEY PUMP STATION COULD NOT HANDLE THE FLOW	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249289	MSD WILL WASH DOWN THE STREET WITH A FLUSHER	THE SEWER REGAINED CAPACITY BUT MORE RAIN IS PROJECTED.
MORRIS FORMAN	KY0022411	1473 FRANKFORT AVE	04/23/11 5:04: AM	1 05/05/11 10:08 AM	20,000 GAL	Storm Inlet	010101880	GROUND	SOUTH FORK BEARGRASS CREEK	WE ARE IN FLOOD MODE AND DUE TO THE HEAVY RAIN, THE STARKEY PS COULD NOT PUMP THE FLOW THAT WOULD NORMALLY OVERFLOW THE COMBINED SEWER OVERFLOW.		DISREV RAIN EVENT DISCHARGE	1249290	MSD WILL WASH THE STREET WITH A FLUSHER TRUCK WHEN THE WATER RECEDES	WE ARE WAITING FOR SEWER CAPACITY SO THE WATER IN THE STREET WILL DRAIN BACK THROUGH THE CATCHBASIN TO THE SEWER.
MORRIS FORMAN	KY0022411	3022 BEAUMONT RD	04/23/11 5:00: PM	1 04/23/11 05:59 PM	20 GAL	Sewer Manhole	17592	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249603	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
SILVER HEIGHTS	KY0028801	9718 TITAN DR	04/24/11 10:47: AM	1 04/24/11 11:03 AM	150 GAL	Sewer Manhole	61667	GROUND	MUD CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249851	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	718 S 16TH ST	04/25/11 5:40: PM	1 04/25/11 06:11 PM	3 GAL	Sewer Service Line	122531D			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1251945	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1251888 AND 1251895 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3104 KIPLING WAY	04/27/11 12:00: AM	1 04/27/11 04:42 PM	25 GAL	Sewer Manhole	17605	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263402	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA - SEE WO#1258179	NO FUTHER MSD ACTION NEEDED
DEREK R. GUTHRIE	KY0078956	6308 HANSES DR	04/27/11 11:05: AM	1 04/27/11 11:29 AM	5 GAL	Sewer Manhole	79076	GROUND	BLUE SPRING DITCH	SYSTEM AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253017	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
MORRIS FORMAN	KY0022411	1587 BELMAR DR	04/27/11 2:00: PM	1 04/27/11 02:17 PM	1 GAL	Sewer Manhole	104320	DITCH	SOUTH FORK BEARGRASS CREEK	SYSTEM AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253167	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
MORRIS FORMAN	KY0022411	4101 PLYMOUTH RD	04/27/11 2:49: PM	1 04/27/11 03:22 PM	35 GAL	Sewer Manhole	19054	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253300	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2216 FAIRLAND AVE	04/27/11 3:40: PM	1 04/27/11 03:54 PM	150 GAL	Sewer Manhole	49445	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253296	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2153 GOLDSMITH LN	04/27/11 4:00: PM	1 04/27/11 05:20 PM	8,000 GAL	Sewer Manhole	48859	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253322	NONE AT THIS TIME	WILL HAVE TO CALL BACK AFTER RAIN EVENT IF DISCHARGE CONTINUES
JEFFERSONTOWN	KY0025194	10714 OLD TAYLORSVILLE RD	04/29/11 7:47: PM	1 04/29/11 07:47 PM	50 GAL	Sewer Manhole	28111-SM	DITCH	CHENOWETH RUN	B & H DRIVER HAULING SEWAGE HIT TELEPHONE DRIVING FROM J-TOWN WQTC SPILLING 50 GALLONS OF SEWAGE ON GROUND:	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1254750	CONTRACTOR CLEANED & SANITIZED THE AREA	CONTRACTOR CLEANED THE AREA AND MADE REPAIR:
JEFFERSONTOWN	KY0025194	10005 BUNSEN WAY	04/30/11 11:55: AM	1 04/30/11 12:20 PM	5 GAL	Sewer Manhole	42048	DITCH	CHENOWETH RUN	PERFORMING A SLIP LINE CAUSED MH TO DISCHARGE	E OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254789	NO CLEAN UP REQUIRED	COMPLETED SLIP LINE PROCEDURE
DEREK R. GUTHRIE	KY0078956	6311 PRICE LANE RD	04/30/11 1:30: PM	1 04/30/11 02:12 PM	2 GAL	Sewer Manhole	25474	DITCH	PENNSYLVANIA RUN	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254807	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1254857 AND 1256109 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	2719 RODMAN ST	04/30/11 4:30: PM	1 04/30/11 04:57 PM	1 GAL	Sewer Service Line	89329			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254811	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1254812 AND 1245859 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	201 BULLITT LN	05/02/11 7:40: PM	1 05/02/11 08:15 PM	150 GAL	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1256172	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2216 FAIRLAND AVE	05/03/11 5:10: PM	1 05/03/11 06:00 PM	25 GAL	Sewer Manhole	49445	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258381	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	300 TRAFALGAR SQ	05/03/11 6:05: PM	1 05/03/11 06:35 PM	50 GAL	Sewer Manhole	48860			LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258387	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	618 HARRIS PL	05/03/11 6:34: PM	1 05/03/11 06:35 PM	5 GAL	Sewer Manhole	65656			LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258388	CLEANUP WILL BE NEEDED AFTER RAIN EVENT	NO FUTHER MSD ACTION NEEDED

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	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0025194	9510 TAYLORSVILLE RD	05/04/11 2:00: PM	05/04/11 02:39 PM	5 GAL	Sewer Service Line	048400130000A	GROUND	SOUTH FORK BEARGRASS CREEK	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1259285	MSD PERSONNEL CLEANED AND SANITIZE THE IMPACTED AREA	NO ACTION REQUIRED
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	05/12/11 12:13: AM	05/12/11 12:14 AM	5 GAL	Sewer Lift Station	MSD0258A-LS	GROUND	MUD CREEK	PIN HOLE IN 4 INCH HOSE	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1261918	NO DEBRIS	HOSE REPLACED
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	05/15/11 11:00: PM	05/15/11 11:01 PM	3 GAL	Sewer Treatment Plant	MSD0258	STREAM	MUD CREEK	SPILLED FROM TEMPORARY PUMP	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1262955	NO DEBRIS	REPLACED PRIME PLUG
MORRIS FORMAN	KY0022411	3422 GLENVIEW AVE	05/22/11 10:30: PM	05/22/11 11:30 PM	1 GAL	Sewer Service Line	114683422			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1267698	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1267696 - FLUSHED DEBRIS FROM PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6151 CHERRY HILL CT	05/27/11 9:00: PM	05/27/11 09:17 PM	1 GAL	Sewer Service Line	162774			OBSTRUCTION (CONCRETE) IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1272172	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1271041 ADN 1271042 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1067 CHEROKEE RD	05/31/11 9:30: AM	05/31/11 10:37 AM	5 GAL	Sewer Service Line	19824			OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1271486	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1271485 - REVERSED FLUSHED LINE AND OPENED
MORRIS FORMAN	KY0022411	3405 VIRGINIA AVE	05/31/11 7:30: PM	05/31/11 10:26 PM	4 GAL	Sewer Service Line	107525			ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1271509	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1271507, 1271508 AND 1272089 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
KEN CARLA	KY0022497	8701 LYNNHALL CT	06/06/11 7:00: AM	06/06/11 07:05 AM	50 GAL	Sewer Treatment Plant	MSD0208	STREAM	HARRODS CREEK	OBSTRUCTION OF EFFLUENT LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1273894	RAKED & CLEANED AREA & SANITIZED WITH LIME	REMOVED OBSTRUCTION OF EFFLUENT PIPE
DEREK R. GUTHRIE	KY0078956	4011 LOMOND DR	06/09/11 12:01: PM	06/09/11 04:24 PM	70 GAL	Sewer Main	54398			STRUCTURAL DAMAGE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1277887	CONTRACTOR CLEANED AND SANITIZED AREA	EXCAVATE AND REPAIR BREAK
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	06/20/11 7:30: PM	06/20/11 08:05 PM	20 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH	B&H DRIVER SPLASHED SLUDGE OVER TRUCK	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1284862	MSD CLEANED & SANITIZED AREA	CONTAINED SOLIDS AND WSA ABLE TO RECAPTURE
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	06/23/11 9:30: AM	06/23/11 09:40 AM	30 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	AERATION TANK SPILLED OVER	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287490	MSD CLEANED & SANITIZED THE AREA	CONTRACTOR VACTORED THE AREA
HITE CREEK	KY0022420	5500 HITT RD	06/29/11 7:40: AM	06/29/11 07:41 AM	2 GAL	Sewer Treatment Plant	MSD0202	STREAM	HITE CREEK	MSD TRUCK DRIVER REMOVED HOSE FROM TANK SPILLING TWO GALLONS OUT OF THE HOSE.	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1289482	MSD CLEANED & SANITIZED THE AREA	
MORRIS FORMAN	KY0022411	3751 BOONE ST	04/09/11 10:47: AM	04/09/11 11:27 AM	1 GAL	Sewer Service Line	KK14554039	GROUND	SOUTH FORK BEARGRASS CREEK	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1241961	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1241962 AND 1242340 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1431 INDIANA AVE	12/10/10 11:00: PM	12/10/10 11:30 PM	1 GAL	Sewer Service Line	KK14765029			OBSTRUCTION MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1179177	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1179176 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1701 SONNE AVE	05/25/11 12:00: PM	05/25/11 12:05 PM	1 GAL	Sewer Lift Station	MSD0042-PS	GROUND	PADDY RUN	HOSE LEAKING ON VACTOR TRUCK	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1267530	CONTRACTOR CLEANED & SANITIZED	CONTRACTOR REPLACED HOSE
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	05/10/11 2:00: PM	05/10/11 02:10 PM	50 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	CAUSED BY ALL SAND FILTERS ON AT SAME TIME & SOUPING DIGESTER & DRAINING CLARIFIER OVERWHELMED PLANT SEWER.	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1261218	MSD CLEANED & SANITIZED THE AREA	SHUT DOWN SAND FILTERS
HUNTING CREEK NORTH	KY0029106	7249 FOX HARBOR RD	10/01/10 2:52: PM	10/01/10 03:03 PM	22 GAL	Sewer Manhole	62769	GROUND	HARRODS CREEK	FLOAT SWITCH OUT OF POSITION	ELECTRICAL PROBLEM AT MSD	DISDW DRY WEATHER DISCHARGE	1143092	B&H CONTRACTED TO VACTOR SEWAGE, MSD TO SANATIZE AREA□	RAN PUMPS BY HAND CONTROL UNTIL FLOAT SWITCHES COULD BE REHUNG SECURLY. VACTOR ALL SEWAGE & SANATIZE AREA
HUNTING CREEK NORTH	KY0029106	7249 FOX HARBOR RD	12/01/10 9:00: PM	12/01/10 09:05 PM	5 GAL	Sewer Manhole	62769	GROUND	HARRODS CREEK	SWITCH FAILURE FAULT, SHORTED WIRES IN TILT BULBS	ELECTRICAL PROBLEM AT MSD	DISDW DRY WEATHER DISCHARGE	1172688	MSD CLEANED & SANITIZED THE AREA	REPLACED ALL TILT BULBS & WIRES WITH NO SPLICES
HUNTING CREEK SOUTH	KY0029114	8208 MONTERO DR	04/17/11 1:30: PM	04/17/11 01:35 PM	30 GAL	Sewer Main	66873E-AG	GROUND	HARRODS CREEK	STRUCTURIAL FAILURE OF FORCE MAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1245434	AREA CLEANED AND SANITIZED BY MSD PERSONELL	MTN CONSTRUCTION MADE REPAIRS
HUNTING CREEK SOUTH	KY0029114	8619 WESTOVER DR	02/18/11 11:10: AM	02/18/11 11:15 AM	25 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	BROKEN FORCE MAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1208790	MSD CLEANED & SANITZED THE AREA	CONTRACTOR REPAIRED THE FORCE MAIN
HUNTING CREEK SOUTH	KY0029114	8619 WESTOVER DR	05/28/11 10:28: AM	05/28/11 10:39 AM	55 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	OPERATOR STATED HOME OWNER WAS PUMPING POOL WATER INTO SYSTEM CAUSING DISCHARGE AT THE WET WELL OVERWHELMED PUMPS		DISDW DRY WEATHER DISCHARGE	1270961	NO DEBRIS	LOOKED FOR HOME OWNER OF POOL AND INFORMED SUPERVISOR

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	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
TIMBERLAKE	KY0043087	5504 TIMBER RIDGE DR	08/24/10 9:30: AM	08/24/10 10:15 AM	10 GAL	Sewer Treatment Plant	MSD0293	GROUND	HARRODS CREEK	SEAL ON VALVE FAILED	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1123665	B&H TO VACTOR UP & RETURN TO SYSTEM	CLOSE VALVE & REPAIR SEAL
TIMBERLAKE	KY0043087	5504 TIMBER RIDGE DR	12/21/10 8:43: AM	12/21/10 09:20 AM	120 GAL	Sewer Treatment Plant	MSD0293	GROUND	HARRODS CREEK	#3 DIGESTOR TANK WALL LEAKING	STRUCTURAL FAILURE	DISREV RAIN EVENT DISCHARGE	1182056	MSD CLEANED & SANITIZED THE AREA	MSD MAINTENANCE WELDED THE LEAK IN THE SEAM OF THE DIGESTOR WALL.
FLOYDS FORK	KY0102784	912 EASTWOOD FISHERVILLE RD	09/24/10 1:15: PM	09/24/10 01:30 PM	25 GAL	Sewer Main	96911A-V	GROUND	LONG RUN	STRUCTIAL FAILURE OF FORCE MAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1139100	NO CLEAN UP REQUIRED	MSD CONTRACTOR MAKNIG REPAIRS
FLOYDS FORK	KY0102784	17015 ASHBURTON DR	11/10/10 9:00: AM	11/10/10 09:02 AM	5 GAL	Sewer Lift Station	MSD0166-PS	GROUND	FLOYDS FORK	CONTRACTOR'S HOSE BROKE AS THEY WERE VACTORING.	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1164459	MSD CLEANED & SANITIZED THE AREA & SPREAD LIME.	CONTRACTOR REPAIRED HOSE.
FLOYDS FORK	KY0102784	3008 LONG CREEK WAY	11/20/10 5:00: AM	11/20/10 05:05 AM	5 GAL	Sewer Lift Station	MSD1165-PS	GROUND	KLEMENZ CREEK	HOSE LEAK	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1169509	NONE REQUIRED, ALL FLOWED BACK INTO WET WELL	REPLACED HOSE
CHENOWETH RUN	KY0042226	605 WOODLAKE DR	08/19/10 8:10: PM	08/19/10 08:10 PM	25 GAL	Sewer Main	80377A-AG	GROUND	CHENOWETH RUN,UPPER	STRUCTURAL FAILURE OF FORCEMAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1122413	NO DEBRIS OBSERVED ONLY SEWAGE WATER, MSD CLEANED AND SANITIZED AREA	MSD CONTRACTOR IS MAKING REPAIRS , HAULING STATION TILL REPAIRS COMPLETED
CHENOWETH RUN	KY0042226	512 LAKE FOREST PKY	05/14/11 3:15: AM	05/14/11 03:20 AM	25 GAL	Sewer Main	80397B-AG	GROUND	CHENOWETH RUN,UPPER	FM BREAK UNDER GROUND	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1262720	NO DEBRIS	SHUT DOWN PUMP STATION BECKLEY STATION RD & HAVE B&H HAUL STATION UNTIL REPAIRS CAN BE COMPLETED
CHENOWETH RUN	KY0042226	611 WOODLAKE DR	07/30/10 5:30: PM	07/30/10 06:30 PM	25 GAL	Sewer Main	80581A-AG	GROUND	CHENOWETH RUN	STRUCTURAL FAILURE OF FORCEMAIN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1116550	MSD CLEANED AND SANITIZED AREA	MSD CONTRACTOR REPAIRED FORCE MAIN
SHADOW WOOD	KY0031810	5489 FOREST LAKE DR	08/05/10 10:25: AM	08/05/10 10:30 AM	25 GAL	Sewer Treatment Plant	MSD0404	GROUND	HARRODS CREEK	HOSE ON PUMP BROKE WHILE PUMPING	MECHANICAL FAILURE	DISREV RAIN EVENT DISCHARGE	1118525	MSD CLEANED & SANITIZED AREA	REPLACED HOSE ON PUMP
SHADOW WOOD	KY0031810	5489 FOREST LAKE DR	05/25/11 1:15: PM	05/25/11 01:35 PM	2 GAL	Sewer Treatment Plant	MSD0404	GROUND	HARRODS CREEK	DECANT PUMP HOSE WAS LEAKING	MECHANICAL FAILURE	DISDW DRY WEATHER DISCHARGE	1267583	MSD CLEANED & SANITIZED THE AREA	HOSE DISCONNECTED

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## APPENDIX B-5 - DISCHARGE WORK ORDERS-INTERIOR



Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	7701 TEMPSCLAIR RD	07/01/10 1:45: PM	07/01/10 02:22 PM	5 GAL	Sewer Service Line	190000450000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1102073	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1102486 AND 1104923 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3208 ROME RD	07/02/10 8:25: AM	07/02/10 08:35 AM	1 GAL	Sewer Service Line	169926	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1102192	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1102537 AND 1104259 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3405 PELESKE DR	07/02/10 1:15: PM	07/02/10 01:32 PM	1 GAL	Sewer Service Line	81213	MASSIVE ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1102552	MSD CONCTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1102554, 1104133, AND 1104272 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	515 N 19TH ST	07/05/10 3:00: PM	07/05/10 03:45 PM	11 GAL	Sewer Service Line	123094	PORTION OF PIPE COLLASPED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1104319	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1104318 AND 1104469 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	2324 ECTON LN	07/06/10 2:45: PM	07/06/10 03:14 PM	1 GAL	Sewer Service Line	29685	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1104578	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1104719 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	919 W INDIAN TRL	07/06/10 5:40: PM	07/06/10 05:56 PM	1 GAL	Sewer Service Line	168963	HEAVY ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1104636	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1104635 AND 1107082 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4418 IVY CREST CIR	07/07/10 7:00: PM	07/08/10 09:05 AM	1 GAL	Sewer Service Line	1523714A	BIG ROCK IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1105042	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	5607 ARVIS DR	07/08/10 10:45: AM	07/08/10 11:06 AM	1 GAL	Sewer Service Line	136830	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1105114	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1107060 AND 1107534 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	2421 WOODMONT DR	07/08/10 8:30: PM	07/08/10 09:17 PM	1 GAL	Sewer Service Line	089H01110000A	STRUCTURAL DAMAGE ON MSD'S PROPERTY SERVIC CONNECTION	E OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1105536	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1105535 - FLUSHED AND OPENED THE SERVICE LINE
DEREK R. GUTHRIE	KY0078956	9409 SMYRNA PKY	07/08/10 11:00: PM	07/08/10 11:58 PM	10 GAL	Sewer Service Line		OBSTRUCTON IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1115848	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1105545 - FLUSHED AND OPEN THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	5800 W PAGES LN	07/09/10 11:30: PM	07/09/10 11:52 PM	1 GAL	Sewer Service Line	125545800	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1106416	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1106414 - FLUSHED OBSTRUCTION
MORRIS FORMAN	KY0022411	5522 RUSTIC WAY	07/12/10 9:30: AM	07/12/10 09:54 AM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1106878	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1107506 AND 1109898 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1828 OREGON AVE	07/12/10 9:50: AM	07/12/10 10:22 AM	1 GAL	Sewer Service Line	78554	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1106892	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA AT THIS TIME	WORK ORDER 1106917 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3603 WHITEHALL CT	07/12/10 12:45: PM	07/12/10 02:06 PM	3 GAL	Sewer Service Line	DD41474019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1106997	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1106994 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3011 RODMAN ST	07/12/10 8:19: PM	07/12/10 08:31 PM	2 GAL	Sewer Service Line	89435	MSD'S PROPERTY SERVICE CONNECTION BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1107134	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1107133 - REPAIRED THE PROPERTY SERVICE CONNECTION AND REPLACED THE 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1125 LEHIGH AVE	07/13/10 10:30: AM	07/13/10 11:04 AM	1 GAL	Sewer Service Line	59231	LG&E LINE BORED THRU MSD'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	DISREV RAIN EVENT DISCHARGE	1107482	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1107484 AND 1111333 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4248 REGINA AVE	07/13/10 5:50: PM	07/13/10 06:20 PM	1 GAL	Sewer Service Line	75784248	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1107711	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1107714 AND 1109179 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	319 CASTLEVIEW DR	07/14/10 12:15: PM	07/14/10 12:46 PM	1 GAL	Sewer Service Line	031600580000A	SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1107865	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO CALL MSD CUSTOMER SERVICE FOR BACK WATER VALVE
DEREK R. GUTHRIE	KY0078956	7116 ROLLING CREEK BLVD	07/14/10 12:50: PM	07/14/10 01:29 PM	1 GAL	Sewer Service Line	124647116	MSD CONTRACTOR FLUSHING MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1107883	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2200 BURWELL AVE	07/14/10 2:00: PM	07/14/10 02:45 PM	1 GAL	Sewer Service Line	041E00660000A	OBSTRUCTION IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1109188	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDER 1109287 - ROOT CUT THE PROPERTY SERVICE CONNECTION

Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	_	5607 BRISCOE LN	07/14/10 2:40: PM	07/14/10 04:00 PM	1 GAL	Sewer Service Line	182804	ROOTS IM MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1109185	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1109189 AND 1109230 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3756 ROSEMONT BLVD	07/14/10 4:45: PM	07/14/10 05:00 PM	1 GAL	Sewer Service Line	BJ09445019	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1109246	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1109388, 1110270 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2007 LAMBERT CT	07/15/10 2:10: PM	07/15/10 02:33 PM	2 GAL	Sewer Service Line	099600760000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1109626	MSD CONTRACTORE CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1109656 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2060 ALTA AVE	07/18/10 3:15: PM	07/18/10 03:34 PM	2 GAL	Sewer Service Line	92302060	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1110104	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1110103 AND 1110473 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1716 W HILL ST	07/18/10 10:45: PM	07/18/10 11:04 PM	1 GAL	Sewer Service Line	49111	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1110131	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1110256 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1652 ALMARA CIR	07/20/10 10:15: AM	07/20/10 10:52 AM	1 GAL	Sewer Service Line	1475	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1110828	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1111452 ADN 1111737 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3216 SPRINGFIELD DR	07/20/10 1:30: PM	07/20/10 01:58 PM		Sewer Service Line	DE21110039		OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1110935		
CHENOWETH HILLS	KY0029459	10218 WESTWEGO PL	07/21/10 2:00: PM	07/21/10 02:18 PM	1 GAL	Sewer Service Line	BE07999619	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1111441	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1111678 AND 1115334 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3115 TALISMAN RD	07/22/10 12:30: PM	07/22/10 12:39 PM	1 GAL	Sewer Service Line	102136	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1111675	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1111786 AND 1112398 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6917 HEAVRIN AVE	07/23/10 8:30: AM	07/23/10 08:51 AM	1 GAL	Sewer Service Line	BE10205469	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1112300	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1112671 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3704 CANTERBURY DR	07/24/10 12:03: PM	07/24/10 12:22 PM	2 GAL	Sewer Service Line	JT00799689	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1112751	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1112781 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3312 EAGLE PASS	07/28/10 11:00: AM	07/28/10 11:41 AM	1 GAL	Sewer Service Line	27002	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1115324	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1115369 AND 1115660 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6809 WUNDERLY CT	07/28/10 12:05: PM	07/28/10 12:29 PM	1 GAL	Sewer Service Line	BW04599049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1115337	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1115495 AND 1115743 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3805 GLENWILLOW WAY	07/28/10 2:00: PM	07/28/10 02:25 PM	2 GAL	Sewer Service Line	JT00585019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1115392	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WOR ORDERS 1115512 ADN 1115900 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT ALSO ROOT CUT ON PRIVATE SIDE
DEREK R. GUTHRIE	KY0078956	7803 APPLE VALLEY DR	07/28/10 7:00: PM	07/28/10 07:39 PM	5 GAL	Sewer Service Line	PB14014019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1115511	WATER HAS NOT RECEDED	WORK ORDER 1115673 - ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	6808 WINDHURST RD	07/29/10 8:30: PM	07/29/10 08:45 PM	1 GAL	Sewer Service Line	163400110000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1115841	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1115944 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8204 ROLAND AVE	07/30/10 12:50: PM	07/30/10 01:11 PM	1 GAL	Sewer Service Line	026100330000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1115971	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1116003 AND 1116576 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	6507 SIX MILE LN	07/30/10 10:30: PM	07/30/10 11:17 PM	1 GAL	Sewer Service Line	091D01460000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1116558	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1116572 AND 1116766 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9804 FARNHAM DR	08/02/10 10:15: AM	08/02/10 11:12 AM	1 GAL	Sewer Service Line	101809804	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1116904	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1116880 - ROOT CUT MAIN SEWER
JEFFERSONTOWN	KY0025194	9511 CORINTHIAN DR	08/02/10 12:30: PM	08/02/10 12:47 PM	1 GAL	Sewer Service Line	147609	MSD PERSONNEL CLEANING MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1116945	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	244 S 41ST ST	08/03/10 3:15: PM	08/03/10 04:16 PM	3 GAL	Sewer Service Line	141425	LINE BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1117742	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1117747 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10305 EDGEWATER RD	08/05/10 2:00: PM	08/05/10 02:23 PM	1 GAL	Sewer Service Line	195604300000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1118436	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1118526 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7330 PAIUTE RD	08/05/10 8:00: PM	08/05/10 08:46 PM	1 GAL	Sewer Service Line	062M01030000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1118536	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1118751 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7703 DOMINIQUE DR	08/06/10 9:00: PM	08/06/10 09:46 PM	1 GAL	Sewer Service Line	PC10392029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1118796	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1118796 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9815 NORMIE LN	08/09/10 10:30: PM	08/09/10 11:02 PM	1 GAL	Sewer Service Line	PD06368019	ROOTS AT THE SHARE JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1119353	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1119352 - ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1147 BARDSTOWN RD	08/11/10 10:15: AM	08/11/10 11:46 AM	1 GAL	Sewer Service Line	075D00020000A	GREASE BLOCKAGE	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1119765	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1119805 - AS COURTESY FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	219 HIAWATHA AVE	08/11/10 2:15: PM (	08/11/10 02:48 PM	1 GAL	Sewer Service Line	44976	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1119914	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1119931 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2008 PEABODY LN	08/11/10 9:30: PM	08/11/10 11:05 PM	1 GAL	Sewer Service Line	81007	GREAS BLOCKAGE ON PRIVATE PROPERTY	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1120006	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	3815 THERINA WAY	08/12/10 2:15: PM (	08/12/10 02:29 PM	1 GAL	Sewer Service Line	160600410000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1120195	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1120272, 1120817 AND 1121556 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3005 SOMBER WAY	08/12/10 5:00: PM	08/12/10 05:17 PM	1 GAL	Sewer Service Line	082Z00570000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1120268	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1120391 AND 1120720 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3603 ALAMETER DR	08/13/10 7:00: PM	08/13/10 07:35 PM	1 GAL	Sewer Service Line	DE24370019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1120748	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1120781 AND 1121207 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1508 WOODLUCK AVE	08/13/10 10:00: PM	08/13/10 10:37 PM	1 GAL	Sewer Service Line	091R00400000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1120759	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1120803 AND 1120915 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	622 N HITE AVE	08/14/10 11:00: PM	08/14/10 11:21 PM	1 GAL	Sewer Service Line	46524D	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1120832	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1120892 AND 1122246 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4414 SHASTA TRL	08/15/10 9:48: AM	08/15/10 10:16 AM	2 GAL	Sewer Service Line	175365	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1120882	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1120879 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	441 SWING LN	08/15/10 7:30: PM	08/15/10 08:00 PM	1 GAL	Sewer Service Line	101613	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1120929	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDEER 1121139 AND 1121592 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY; ADVISED CUSTOMER TO CONTACT PLUMBER
MORRIS FORMAN	KY0022411	710 BEDFORDSHIRE RD	08/17/10 12:45: PM	08/17/10 12:55 PM	1 GAL	Sewer Service Line	198209350000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1121574	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1121656 AND 1122336 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5903 HICKMAN CT	08/18/10 4:15: PM	08/18/10 04:45 PM	5 GAL	Sewer Service Line	166401120000A	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1122054	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1122545 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	2800 DIODE LN	08/19/10 1:45: PM	08/19/10 02:30 PM	5 GAL	Sewer Service Line	192700320000B	BELLSOUTH BORED THROUGH MSD'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSE ASSET	D DISDW DRY WEATHER DISCHARGE	1122376	ADVISED CUSTOMER TO CONTACT BELLSOUTH ABOUT CLEANING THEIR IMPACTED AREA	WORK ORDER 1122378 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3005 BUNKER HILL DR	08/20/10 9:30: AM	08/20/10 10:45 AM	1 GAL	Sewer Service Line	13403	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1122507	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1123624 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1010 BLUEGRASS AVE	08/20/10 1:45: PM (	08/20/10 02:10 PM	1 GAL	Sewer Service Line	9782	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1122613	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1122928 AND 1122976 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3203 SUDBURY LN	08/20/10 3:30: PM	08/20/10 04:01 PM	5 GAL	Sewer Service Line	100947	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1122823	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1122829 AND 1123374 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7401 ST ANTHONY CHURCH RD	08/21/10 2:43: PM	08/21/10 03:20 PM	2 GAL	Sewer Service Line	114437401	ROOTS IN MAIN SEWER AND ROOTS ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1123362	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1122951 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	6807 TAFFY ANN DR	08/22/10 4:30: PM	08/22/10 05:18 PM	1 GAL	Sewer Service Line	0T81F6807	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1122993	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1123280 AND 1123283 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3010 LEXHAM RD	08/22/10 8:30: PM	08/22/10 09:31 PM	1 GAL	Sewer Service Line	191202000000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1122999	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1122998 - FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	4903 W BATALINA CT	08/22/10 10:30: PM	08/22/10 10:47 PM	1 GAL	Sewer Service Line	PB18013019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123004	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1123003 - FLUSHED MSD'S PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	2835 COLEEN CT	08/23/10 12:00: PM	08/23/10 12:20 PM	1 GAL	Sewer Service Line	22025	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123231	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1123643 AND 1127521 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	13313 BESSELS BLVD	08/23/10 5:00: PM	08/23/10 07:30 PM	1 GAL	Sewer Service Line	DD71480019	ROOTS IN MAIN SEWER AS WELL AS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123420	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1123421 AND 1123441 - ROOT CUT MAIN SEWER AND PROPERTY SERVICE CONNECTION AND OPENED LINE UP
MORRIS FORMAN	KY0022411	5203 REGENT WAY	08/23/10 6:23: PM	08/23/10 07:03 PM	2 GAL	Sewer Service Line	089704370000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123458	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1123457 AND 1123951 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED TWO (2) 2-WAY CLEANOUTS
DEREK R. GUTHRIE	KY0078956	5004 TOLKIEN CT	08/24/10 11:15: AM	08/24/10 11:43 AM	1 GAL	Sewer Service Line	PD26002059	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123629	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1124054 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6505 MANDEVILLE CT	08/27/10 10:00: PM	08/27/10 10:30 PM	1 GAL	Sewer Service Line	160566	ROOT MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1127044	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1127046 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2812 RIO RITA AVE	08/30/10 10:15: AM	08/30/10 10:47 AM	1 GAL	Sewer Service Line	88303	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1127285	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1127401 AND 1127805 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3202 HIKES LN	08/30/10 3:10: PM	08/30/10 04:51 PM	1 GAL	Sewer Service Line	058800020000A	GREASE BLOCKAGE IN MAIN SEWER AS WELL AS ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1127456	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1127459 AND 1127488 - FLUSHED MAIN SEWER AND ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	616 EMILY RD	09/01/10 10:45: AM	09/01/10 11:15 AM	1 GAL	Sewer Service Line	30499	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1128440	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1128619 AND 1128736 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1508 HERR LN	09/01/10 11:15: AM	09/01/10 11:59 AM	1 GAL	Sewer Service Line	41137	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND SECTION OF PIPE MISSING	ROOTS	DISDW DRY WEATHER DISCHARGE	1128460	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1128464 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	315 N 43RD ST	09/01/10 7:00: PM	09/01/10 08:00 PM	5 GAL	Sewer Service Line	009C01040000A	MSD'S PROPERTY SERVICE LINE DAMANGED BY LOUISVILLE WATER COMPANY	UTILITY DAMAGED MSC ASSET	D DISDW DRY WEATHER DISCHARGE	1128626	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1128625 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	11114 STALWERT PL	09/02/10 10:30: AM	09/02/10 11:17 AM	10 GAL	Sewer Service Line	DD39999019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1128725	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1128820 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	975 GOSS AVE	09/02/10 3:30: PM	09/02/10 03:47 PM	1 GAL	Sewer Service Line	36922	LG&E BORED THROUGH MSD'S SECTION OF PROPERTY SERVICE LINE	UTILITY DAMAGED MSC ASSET	D DISDW DRY WEATHER DISCHARGE	1129031	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1129034 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2247 PEASLEE RD	09/03/10 9:30: AM	09/03/10 09:52 AM	1 GAL	Sewer Service Line	108501320000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1129192	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1129517 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3312 BON AIR AVE	09/04/10 9:00: PM	09/04/10 09:01 PM	1 GAL	Sewer Service Line	055200090000A	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1129532	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1129677 AND 1130006 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3234 ELLIS WAY	09/06/10 8:39: PM	09/06/10 09:52 PM	2 GAL	Sewer Service Line	29690	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1129728	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1129721 AND 1130059 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND SLIP LINE

Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0022411	112 MCARTHUR DR	09/07/10 12:42: AM	09/07/10 03:00 AM	3 GAL	Sewer Service Line	64150	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1129738	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1129813 AND 1129987 - ROOT CUT MAIN SEWER
DEREK R. GUTHRIE	KY0078956	5409 CHESTNUTWOOD WAY	09/07/10 6:25: PM	09/07/10 06:30 PM	2 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1130042	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1130241 AND 1131072 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2824 POMEROY DR	09/08/10 11:45: AM	09/08/10 01:38 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1130256	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1130262 AND 1139461 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	215 APPOMATTOX RD	09/08/10 2:56: PM	09/08/10 03:15 PM	1 GAL	Sewer Service Line	WW09382039	ROOTS AT THE TAP OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1130319	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1131035 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5501 HALSTEAD AVE	09/08/10 3:45: PM	09/08/10 04:23 PM	1 GAL	Sewer Service Line	38969	OBSTRUCTION IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1130345	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1130346 ADN 1130518 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5618 LAGOONA DR	09/08/10 5:30: PM	09/08/10 06:12 PM	1 GAL	Sewer Service Line	091100040000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1130363	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1130367, 1131082 AND 1134337 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4147 MONROE AVE	09/11/10 4:30: PM	09/11/10 05:26 PM	4 GAL	Sewer Service Line	144523	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1131401	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1131408, 1131409 AND 1134760 - ROOT CUT AND REPAIRED THE MAIN SEWER AND INSTALLED A 2-WAY CLEANOUT ON SSL
MORRIS FORMAN	KY0022411	3852 DARLENE DR	09/13/10 12:45: PM (	09/13/10 01:26 PM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1134034	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1134101 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5826 SPICEWOOD LN	09/13/10 4:51: PM	09/13/10 04:59 PM	4 GAL	Sewer Service Line		ROOTS AT SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1134170	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1134353 ADN 1134821 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	905 FALGATE CT	09/15/10 5:39: PM	09/15/10 05:43 PM	2 GAL	Sewer Service Line	163401620000A	MSD PERSONNEL PERFORMING PREVENTIVE MAINTENANCE ON SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1134908	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	5310 RED FERN RD	09/15/10 8:58: PM (	09/15/10 09:16 PM	2 GAL	Sewer Service Line	093404570000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1134935	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1135440 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3706 GREENWICH RD	09/17/10 6:00: PM (	09/17/10 07:40 PM	1 GAL	Sewer Service Line	091E01040000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1135994	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1136021 AND 1136434 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9808 WHIPPS MILL RD	09/18/10 2:01: PM	09/18/10 02:54 PM	1 GAL	Sewer Service Line	101869808	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1136520	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1136083 AND 1136396 - FLUSHED AND VACTORED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	5412 CAROL WAY	09/18/10 4:37: PM	09/18/10 04:48 PM	2 GAL	Sewer Service Line	17862	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1136093	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1136114 AND 1136483 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2614 WHITEHALL TER	09/18/10 8:15: PM	09/18/10 09:02 PM	5 GAL	Sewer Service Line	52922614	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1136086	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1136087 - ROOT CUT MAIN SEWER
SILVER HEIGHTS	KY0028801	3700 FREEDOM WAY	09/19/10 2:42: PM (	09/19/10 02:56 PM	2 GAL	Sewer Service Line	PD01104029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1136123	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1136121 AND 1137045 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5751 NEW CUT RD	09/20/10 9:00: AM	09/20/10 09:40 AM	1 GAL	Sewer Service Line	133695751	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1136219	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1136230 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	9109 LANTANA DR	09/20/10 2:30: PM	09/20/10 03:09 PM	1 GAL	Sewer Service Line	PD22356019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1136510	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1136511, 1137189 AND 1137192 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	4104 TAYLORSVILLE RD	09/21/10 9:00: PM	09/21/10 09:49 PM	2 GAL	Sewer Service Line	091N00650000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1137139	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1137225, 1138306 AND 1138309 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2204 BELL TAVERN CT	09/23/10 2:45: PM	09/23/10 03:30 PM	1 GAL	Sewer Service Line	166401820000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1137916	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1138373, 1139233, AND 1142334 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT

Associated	Associated					6							
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN		3302 CHARLANE PKY	09/24/10 1:30: PM	09/24/10 02:03 PM	1 GAL	Sewer Service Line	JT00911819	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1138383	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1139182 AND 1139474 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8210 CANDELABRUM PL	09/24/10 4:30: PM	09/24/10 05:20 PM	1 GAL	Sewer Service Line	WW10314069	HEAVY ROOTS IN MAIN SEWER AND ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139124	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1139125, 1139208 AND 11392009 - ROOT CUT THE MAIN SEWER AND ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3214 CHICKADEE RD	09/25/10 1:03: PM (	09/25/10 01:11 PM	2 GAL	Sewer Service Line	069600500000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139201	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1139234 AND 1139842 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3603 GLENCREEK LN	09/25/10 1:30: PM	09/25/10 01:50 PM	3 GAL	Sewer Service Line	46597	A SECTION OF PROPERTY SERVICE LINE MISSING	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1139192	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1139191 AND 1151580 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED ANOTHER 2-WAY CLEANOUT AND SLIP LINED
MORRIS FORMAN	KY0022411	1711 VALLEY FORGE WAY	09/25/10 9:15: PM (	09/25/10 09:50 PM	1 GAL	Sewer Service Line	105379	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1139219	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1139221 - ROOT CUT MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4306 RAVENWOOD DR	09/27/10 9:15: AM (	09/27/10 11:10 AM	1 GAL	Sewer Service Line	089H00150000A	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1139396	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1139389, 1139401, AND 1146860 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND ROOT CUT AS COURTESY ON PRIVATE SIDE
DEREK R. GUTHRIE	KY0078956	5408 CAROL WAY	09/27/10 9:20: AM (	09/27/10 09:45 AM	1 GAL	Sewer Service Line	17864	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139353	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	6000 SHEAN CT	09/27/10 2:30: PM	09/27/10 02:55 PM	1 GAL	Sewer Service Line	BW03881069	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139537	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1139538 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2848 COLEEN CT	09/27/10 3:00: PM	09/27/10 03:45 PM	3 GAL	Sewer Service Line	088H00960000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139564	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1139569 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1801 ALLSTON AVE	09/27/10 3:30: PM	09/27/10 04:15 PM	1 GAL	Sewer Service Line	13	GREASE BLOCKAGE ON PRIVATE PROPERTY	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1139571	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	1756 DIXDALE AVE	09/28/10 12:15: PM (	09/28/10 12:33 PM	1 GAL	Sewer Service Line	041J00920000A	A SECTION OF LINE DAMAGED ON MSD'S PORTION OF SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1139780	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1139845 AND 1146207 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	11003 MARBADO CT	09/28/10 10:02: PM (	09/28/10 10:13 PM	2 GAL	Sewer Service Line	164905	ROOTS ON MSD'S PORTION OF THE PROEPRTY SERVICE LINE AND AT THE SHARED JOINT	ROOTS	DISDW DRY WEATHER DISCHARGE	1140003	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1140049 AND 1143102 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2261 BEARGRASS AVE	09/29/10 10:50: AM (	09/29/10 11:15 AM	1 GAL	Sewer Service Line	050200470000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1140160	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1140193, 1143621 AND 1151581 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	1808 HARTMAN AVE	09/29/10 3:15: PM (	09/29/10 03:55 PM	1 GAL	Sewer Service Line	076D00250000A	ROOT IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1140253	CUSTOMER CLEANED THE IMPACTED AREA	PLUMBER ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1710 SUTHERLAND DR	09/30/10 1:45: PM (	09/30/10 02:48 PM	1 GAL	Sewer Service Line	080J01200000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1142256	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1142267 AND 1143186 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4507 SHASTA TRL	10/02/10 8:30: PM	10/02/10 09:08 PM	1 GAL	Sewer Service Line	93293	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1143209	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1143211 AND 1143212-ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1130 WILLOW AVE	10/03/10 8:45: PM	10/03/10 09:14 PM	1 GAL	Sewer Service Line	112090D	ROOT AT THE TAP OF THE PROPERTY SERVICE COONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1143248	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1145909, 1147519 AND 1148000 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4440 BLENHEIM RD	10/04/10 10:00: AM	10/04/10 10:30 AM	1 GAL	Sewer Service Line	140602	MSD CONTRACTOR FLUSHING THE MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1146255	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4529 S 1ST ST	10/04/10 1:00: PM	10/04/10 01:49 PM	1 GAL	Sewer Service Line	057H00370000A	ROOTS AT THE SHARE JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1145807	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1145833 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2645 GARDINER LN	10/04/10 7:04: PM	10/04/10 07:10 PM	1 GAL	Sewer Service Line	43726	ROOT ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1146007	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1146162 AND 1153441 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

Accesiated	Accesiated											T	
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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
HITE CREEK	KY0022420	4419 CULPEPPER CIR	10/05/10 2:30: PM	10/05/10 03:09 PM	8 GAL	Sewer Service Line	161702390000A	OBSTRUCTION ON PRIVATE PROPERTY AND ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1146216	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	PLUMBER OPEN CUSTOMER'S LINE; WORK ORDERS 1146272 AND 1147560 - REPAIRED THE PROPERTY SERVICE LINE AND SLIP LINE
DEREK R. GUTHRIE	KY0078956	7004 S WATTERSON TRL	10/06/10 2:15: PM	10/06/10 03:15 PM	1 GAL	Sewer Service Line	BW04672029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1146597	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1146596 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4015 WIMPOLE RD	10/06/10 5:30: PM	10/06/10 07:05 PM	2 GAL	Sewer Service Line	111864	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1146599	MSD CLEANING CONTARACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1146600 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	420 OXFORD PL	10/06/10 11:00: PM	10/06/10 11:16 PM	4 GAL	Sewer Service Line	79872	ROOTS IN MSD'S PORTION OF THE PROPETY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1146626	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1146737 AND 1147515 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLEDA A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	806 INVERNESS AVE	10/08/10 3:45: PM	10/08/10 04:15 PM	10 GAL	Sewer Service Line	061G00550000A	ROOTS IN THE MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1147466	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1147469 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	3117 MARLIN RD	10/09/10 12:02: PM	10/09/10 01:42 PM	3 GAL	Sewer Service Line	056300290000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1147529	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1147531 - ROOT CT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3119 MARLIN RD	10/09/10 12:02: PM	10/09/10 01:42 PM	3 GAL	Sewer Service Line	68172	ROOTS MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1147530	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1147531 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	202 CAMBRIDGE DR	10/09/10 2:31: PM	10/09/10 04:18 PM	1 GAL	Sewer Service Line	147448	ROOTS IN MAIN SEWER.	ROOTS	DISDW DRY WEATHER DISCHARGE	1147542	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1147544 - FLUSHED AND OPEN MAIN SEWER ROOT CUT MAIN SEWER AND REMOVED ROOTS.
MORRIS FORMAN	KY0022411	3447 ALLISON WAY	10/11/10 12:00: PM	10/11/10 12:48 PM	2 GAL	Sewer Service Line	132834	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1148237	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1148294, 1149594, 1149675 AND 1149873 - ROOT CUT, SLIP LINE AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5103 RURAL WAY	10/11/10 3:00: PM	10/11/10 03:45 PM	1 GAL	Sewer Service Line	91357	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1148362	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1148365 AND 1149943 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4302 NAOMI DR	10/11/10 5:38: PM	10/11/10 05:50 PM	2 GAL	Sewer Service Line	087000740000A	ROOTS IN MAIN SEWER; ROOTS IN MSD'S PORTION O SRIVICE CONNECTION IN THE TAP PORTION: CUSTOMERS PORTION CONTAINS HEAVY ROOTS ALSO	FROOTS	DISDW DRY WEATHER DISCHARGE	1148873	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1149556, 1149686, AND 1149696 - ROOT CUT MAIN SEWER AND ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6812 FORDHAM LN	10/12/10 1:00: PM	10/12/10 01:34 PM	1 GAL	Sewer Service Line	BW04592039	LARGE ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1149560	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1149890 AND 1152222 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4039 CRAWFORD AVE	10/12/10 3:00: PM	10/12/10 03:45 PM	1 GAL	Sewer Service Line	049900260000A	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1149651	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1149653 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3109 LAKEVIEW DR	10/13/10 10:30: AM	10/13/10 10:53 AM	1 GAL	Sewer Service Line	087P00130000A	HEAVY ROOTS ON MSD'S PORTION OF THE SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1149824	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1152099 AND 1156881 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7608 SIX MILE LN	10/13/10 1:45: PM	10/13/10 02:20 PM	3 GAL	Sewer Service Line	186706070000A	OBSTRUCTIN ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1149928	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA AT THIS TIME	WORK ORDER 1151721 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8603 CODINGTON CT	10/13/10 4:30: PM	10/13/10 05:16 PM	3 GAL	Sewer Service Line	175223	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1151566	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1151569 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	462 N 28TH ST	10/14/10 11:11: AM	10/14/10 11:58 AM	1 GAL	Sewer Service Line	125067	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1151755	MSD CONTRACTOR CLEANED THE IMPACTED AREA	WORK ORDERS 115174 AND 1152103 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3124 HORTON AVE	10/14/10 5:00: PM	10/14/10 06:12 PM	1 GAL	Sewer Service Line	082K00870000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152113	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1152266 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3515 HUON DR	10/15/10 1:15: PM	10/15/10 01:51 PM	10 GAL	Sewer Service Line	BU07583039	HEAVY ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152332	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1152627 AND 1152871 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8518 LINDA RD	10/15/10 2:21: PM	10/15/10 03:26 PM	3 GAL	Sewer Service Line	169134	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152807	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1152806 AND 1153420 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0022411	8626 WHIPPS BEND RD	10/15/10 2:45: PM	10/15/10 03:26 PM	1 GAL	Sewer Service Line	037700020000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1152767	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1152835 AND 1153207 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	310 LOTIS WAY	10/15/10 8:30: PM	10/15/10 09:11 PM	5 GAL	Sewer Service Line	034400470000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1152816	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1152817 AND 1153646 ROOT CUT AND SLIP LINE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6301 SARANAC CT	10/16/10 12:29: PM	10/16/10 12:46 PM	2 GAL	Sewer Service Line	DE31084019	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152880	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1152869 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7908 SHERRY LYNN CT	10/17/10 12:56: AM	10/17/10 12:57 AM	1 GAL	Sewer Service Line	PC10162019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152900	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1152898 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9109 BRANDYWYNE DR	10/17/10 5:27: PM	10/17/10 06:08 PM	15 GAL	Sewer Service Line	BE09776669	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1152932	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDEER 1152935 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND RE-INSTALLED ORIGINAL 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4201 S 1ST ST	10/18/10 8:15: AM	10/18/10 09:19 AM	1 GAL	Sewer Service Line	055H00320000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153001	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153002 AND 1154140 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2515 HAWTHORNE AVE	10/18/10 9:30: AM	10/18/10 09:54 AM	1 GAL	Sewer Service Line	081D00970000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153031	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153245 AND 1155093 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3819 JUPITER RD	10/18/10 10:00: AM	10/18/10 10:15 AM	1 GAL	Sewer Service Line	091E02840000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153047	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153213 ADN 1153891 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	4944 WINDING SPRING CIR	10/18/10 10:15: AM	10/18/10 10:47 AM	1 GAL	Sewer Service Line	172703810000A	ROOTS ON MSD'S PORTION OF THE PROEPRTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153077	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153261 AND 1153653 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3508 AUTUMN WAY	10/18/10 11:45: AM	10/18/10 11:55 AM	1 GAL	Sewer Service Line	16464	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153128	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153644 AND 1154038 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6907 NORLYNN DR	10/18/10 12:15: PM	10/18/10 12:35 PM	3 GAL	Sewer Service Line	T1306907	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153142	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDER 1153503 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	1811 JANLYN RD	10/18/10 2:15: PM	10/18/10 02:45 PM	1 GAL	Sewer Service Line	180600050000A	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153232	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153231 AND 1153234 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7203 HOLLOW CREEK RD	10/18/10 3:00: PM	10/18/10 03:30 PM	1 GAL	Sewer Service Line	177340	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153244	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1153418 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5216 JENNY JUNE DR	10/18/10 6:14: PM	10/18/10 06:21 PM	1 GAL	Sewer Service Line	74732	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153276	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153275 AND 1154058 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4224 GREENWOOD AVE	10/18/10 8:50: PM	10/18/10 08:54 PM	1 GAL	Sewer Service Line	35297	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153278	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153402, 1154031 AND 1154050 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	805 RUGBY PL	10/19/10 5:34: PM	10/19/10 06:30 PM	8 GAL	Sewer Service Line	186105450000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1153683	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153832 AND 1153973 - ROOT CUT THE MAIN SEWERS
MORRIS FORMAN	KY0022411	3826 CHATHAM RD	10/19/10 7:47: PM	10/19/10 07:51 PM	2 GAL	Sewer Service Line	091E01530000A	ROOT OBSTRUCTION ON MSD'S PORTION OF SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1153691	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1153897, 1155369, AND 1155604 - ROOT CUT, REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINED
JEFFERSONTOWN	KY0025194	3412 EMERALD DR	10/23/10 3:17: PM	10/23/10 03:33 PM	1 GAL	Sewer Service Line	057801790000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155671	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1155742 AND 1155940 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	9215 FEATHERBELL BLVD	10/23/10 6:30: PM	10/23/10 07:12 PM	1 GAL	Sewer Service Line	14892306	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND OBSTRUCTION	STRUCTURAL FAILURE	E DISDW DRY WEATHER DISCHARGE	1155681	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1155707 AND 1156814 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4320 PRUITT CT	10/24/10 12:07: PM	10/24/10 12:37 PM	2 GAL	Sewer Service Line	85028	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155722	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1155720, 1157354 ADN 1157818 - ROOT CUT, SLIP LINED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	3826 OBOE DR	10/24/10 1:30: PM	10/24/10 01:42 PM	1 GAL	Sewer Service Line	124763826	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155719	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1155716 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1542 ANNA LN	10/25/10 12:00: PM	10/25/10 01:03 PM	25 GAL	Sewer Service Line	2899	ROOTS IN MAIN SEWER AND ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155885	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1155849, 1155860, 1155863 AND 1155889 - ROOT CUT MAIN SEWER AND MSD'S PROPERTY SERVICE LINE AND SLIP LINED
MORRIS FORMAN	KY0022411	4420 YOLANDA DR	10/25/10 12:41: PM	10/25/10 12:55 PM	10 GAL	Sewer Service Line	115362	ROOTS IN MAIN SEWER AND ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1155872	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1155982, 1156188 & 1156991 - ROOT CUT MAIN SEWER AND ROOT CUT AND REPAIRED PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2124 WALLIE ANN CT	10/25/10 1:30: PM	10/25/10 01:49 PM	1 GAL	Sewer Service Line	041L00160000A	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155915	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1155918 AND 1156341 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4809 MIKE CT	10/25/10 2:45: PM	10/25/10 03:22 PM	1 GAL	Sewer Service Line	607450	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1155976	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1155983 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4211 HEWITT AVE	10/25/10 5:06: PM	10/25/10 05:08 PM	2 GAL	Sewer Service Line	BJ11349019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1156210	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1156624, 1157002 AND 1157200 - ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2149 GOLDSMITH LN	10/26/10 7:13: PM	10/26/10 07:20 PM	3 GAL	Sewer Service Line	32821D	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1156678	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	10205 RADFORD RD	10/26/10 11:17: PM	10/26/10 11:24 PM	2 GAL	Sewer Service Line	180701000000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1156682	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1156829 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2103 MCCLOSKEY AVE	10/27/10 2:15: PM	10/27/10 03:00 PM	1 GAL	Sewer Service Line	041L00520000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1156928	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1156967 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9809 CAVEN AVE	10/27/10 2:30: PM	10/27/10 04:15 PM	2 GAL	Sewer Service Line	PD06206019	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1156925	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1156922 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3401 SUMNER RD	10/27/10 8:00: PM	10/27/10 08:47 PM	1 GAL	Sewer Service Line	101261	ROOTS AT THE TAP OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1157005	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1157006 - FLUSHED AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	894 EASTERN PKY	10/28/10 5:30: PM	10/28/10 06:21 PM	2 GAL	Sewer Service Line	28724	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1157378	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1157463, 1158633 AND 1159805 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2- WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6601 LEVEN CT	10/29/10 9:30: AM	10/29/10 10:12 AM	1 GAL	Sewer Service Line	176873	STRUCTURAL DAMAGE ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1157437	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1157536 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	327 S SHAWNEE TER	10/29/10 5:30: PM	10/29/10 06:10 PM	5 GAL	Sewer Service Line	93546	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1157828	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1157863 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9805 CHAMBERS CT	10/30/10 2:01: PM	10/30/10 02:57 PM	2 GAL	Sewer Service Line	JT02094849	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1157884	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1157883 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3610 HILLCREEK RD	10/31/10 2:00: PM	10/31/10 02:10 PM	2 GAL	Sewer Service Line	091P00010000A	CONCRETE INSIDE THE MAIN SEWER CAUSING OBSTRUCTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1157929	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION
DEREK R. GUTHRIE	KY0078956	5013 VOLNEY CT	11/01/10 1:30: PM	11/01/10 01:48 PM	1 GAL	Sewer Service Line	BE08951819	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1158700	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1159200 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1637 NORRIS PL	11/01/10 4:52: PM	11/01/10 05:12 PM	1 GAL	Sewer Service Line	76482	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1158837	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1158836 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2419 WESTWOOD AVE	11/01/10 6:00: PM	11/01/10 06:45 PM	2 GAL	Sewer Service Line	110239	ROOT IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1158825	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1158827, 1159045 AND 1159128 - ROOT CUT MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	12008 ANCIENT SPRING DR	11/01/10 6:32: PM	11/01/10 06:38 PM	1 GAL	Sewer Service Line	171802440000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1158831	MSD CONTRACTORS CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1158950 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0022411	1824 SPEED AVE	11/01/10 7:15: PM	11/01/10 07:15 PM	1 GAL	Sewer Service Line	076K00070000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1158830	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1159103 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4027 CRAWFORD AVE	11/02/10 2:30: PM	11/02/10 03:04 PM	1 GAL	Sewer Service Line	049900220000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159179	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1159188 AND 1159433 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5310 CHASEWOOD PL	11/03/10 2:30: PM	11/03/10 03:15 PM	1 GAL	Sewer Service Line	PD19056039	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159551	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1159682 AND 1159682 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6009 SIX MILE LN	11/04/10 9:00: AM	11/04/10 09:32 AM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159666	CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDERS 1160034 AND 1163617 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9613 BROOKS BEND RD	11/04/10 9:30: AM	11/04/10 10:42 AM	1 GAL	Sewer Service Line	13182403	GREASE OBSTRUCTION MSD'S PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1159709	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1159714 AND 1159715 - VACTOR AND FLUSHED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	2236 THISTLEDAWN DR	11/04/10 1:00: PM	11/04/10 01:44 PM	1 GAL	Sewer Service Line	103836	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159814	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160297 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	725 VINE ST	11/04/10 5:30: PM	11/04/10 06:10 PM	1 GAL	Sewer Service Line	107113	LG&E DAMAGED MSD'S PORTIONN OF THE PROPERTY SERVICE LINE	UTILITY DAMAGED MSD ASSET	DISDW DRY WEATHER DISCHARGE	1159914	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160272 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1740 MEYERS LN	11/04/10 6:30: PM	11/04/10 07:17 PM	1 GAL	Sewer Service Line	90821740	GREASE IN MSD'S PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1159923	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1159921 - FLUSHED GREASE FROM THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	8329 BLUE LICK RD	11/04/10 9:00: PM	11/04/10 09:30 PM	1 GAL	Sewer Service Line	PC07566019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159934	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1160251 AND 1164226 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	452 N 25TH ST	11/05/10 3:17: PM	11/05/10 03:56 PM	1 GAL	Sewer Service Line		STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1160285	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160280 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	804 RUGBY PL	11/06/10 10:53: AM	11/06/10 11:18 AM	2 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1160351	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160349 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8308 PINE GROVE CT	11/06/10 3:00: PM	11/06/10 03:24 PM	2 GAL	Sewer Service Line		ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1160343	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160342 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3624 DOWNING WAY	11/06/10 10:30: PM	11/06/10 11:05 PM	1 GAL	Sewer Service Line	27248	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1160375	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1160366 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2520 ADRIENNE WAY	11/06/10 11:50: PM	11/07/10 12:11 AM	1 GAL	Sewer Service Line	2338	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1160373	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1160371 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5305 BONITA LN	11/08/10 1:00: PM	11/08/10 01:20 PM	1 GAL	Sewer Service Line	7853	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1161444	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1163458 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	412 HARRIS PL	11/08/10 7:00: PM	11/08/10 07:14 PM	3 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1163501	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1163631 AND 1165262 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	4322 PRUITT CT	11/09/10 1:00: PM	11/09/10 01:36 PM	1 GAL	Sewer Service Line	85026	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1163730	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1163733 AND 1165325 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	300 PENRUTH AVE	11/09/10 8:13: PM	11/09/10 11:03 PM	1 GAL	Sewer Service Line	81742D	LG&E BORED THROUGH MSD'S PROPERTY SERVICE LINE	UTILITY DAMAGED MSD ASSET	DISDW DRY WEATHER DISCHARGE	1164300	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1164640 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6256 SIX MILE LN	11/10/10 10:00: AM	11/10/10 11:24 AM	1 GAL	Sewer Service Line	050400030000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1164498	CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDERS 1164503 AND 1164506 - ROOT CUT AND VACTORED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	5252 BARDSTOWN RD	11/10/10 2:00: PM	11/10/10 03:01 PM	1 GAL	Sewer Service Line	106565252	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1164627	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1164630 - FLUSHED AND OPEN THE MAIN SEWER

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Associated	Associated											I	
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	4104 PIRATE LN	11/11/10 12:30: PM	11/11/10 12:54 PM	1 GAL	Sewer Service Line	169663	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1164863	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1165094 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3102 EAGLE PASS	11/11/10 1:20: PM	11/11/10 02:18 PM	2 GAL	Sewer Service Line	26893	ROOTS IN MSD'S CLEANOUT	ROOTS	DISDW DRY WEATHER DISCHARGE	1164885	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1164884, 1164893 AND 1165623 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6013 SHEAN CT	11/11/10 2:15: PM	11/11/10 02:47 PM	1 GAL	Sewer Service Line	BW03901059	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1164894	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1165147 AND 1165677 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	11903 HALIFAX DR	11/11/10 6:00: PM	11/11/10 06:38 PM	1 GAL	Sewer Service Line	165504550000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1164940	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1165193 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2925 WINTERHAVEN RD	11/13/10 9:16: AM	11/13/10 09:59 AM	4 GAL	Sewer Service Line	191301670000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1165341	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1165334 AND 1165342 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1316 JONI DR	11/13/10 9:30: PM	11/13/10 09:54 PM	1 GAL	Sewer Service Line	53672	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1165361	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1165362 - CHAIN CUT AND FLUSHED THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	4404 CULPEPPER CIR	11/14/10 2:09: PM	11/14/10 02:16 PM	2 GAL	Sewer Service Line	AN52380019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1165421	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1165574 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4700 QUINN DR	11/16/10 8:45: AM	11/16/10 09:45 AM	1 GAL	Sewer Service Line	102007050000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1166024	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1166032 - FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	4301 DAWKINS CT	11/16/10 1:15: PM	11/16/10 01:46 PM	1 GAL	Sewer Service Line	PD06482019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1166109	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1166377 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3106 DELL BROOKE AVE	11/16/10 2:15: PM	11/16/10 02:45 PM	1 GAL	Sewer Service Line	082Z00510000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1166206	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1165524 ABD 1166822 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	735 GREENRIDGE LN	11/16/10 2:15: PM	11/16/10 02:47 PM	1 GAL	Sewer Service Line	088K00850000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1166144	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1166522 AND 1169119 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4303 DAWKINS CT	11/16/10 5:03: PM	11/16/10 05:11 PM	1 GAL	Sewer Service Line	PD06480019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1166247	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1166386 AND 1166762 - ROOT CUT AND REPAIRD THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	115 BLUE FIELDS RD	11/16/10 9:09: PM	11/16/10 09:44 PM	5 GAL	Sewer Service Line	8692	ROOTS IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1166240	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1166239 AND 116305 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	7005 CHIPPENHAM RD	11/16/10 10:02: PM	11/16/10 10:11 PM	5 GAL	Sewer Service Line	19152	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1166237	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1166380, 1169289 AND 1171646 - ROOT CUT, REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	3703 NORBOURNE BLVD	11/19/10 12:00: PM	11/19/10 12:44 PM	1 GAL	Sewer Service Line	76147	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169280	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1169334 AND 1169413 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6727 VANDRE AVE	11/19/10 2:15: PM	11/19/10 02:58 PM	1 GAL	Sewer Service Line	PC10423039	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169335	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169396 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5302 IROQUOIS CT	11/19/10 3:15: PM	11/19/10 03:56 PM	1 GAL	Sewer Service Line	35665302	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1169370	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169376 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	2228 OSAGE AVE	11/19/10 4:38: PM	11/19/10 04:46 PM	1 GAL	Sewer Service Line	79289	PORTION OF THE PROPERTY SERVICE CONNECTION HAS COLLAPSED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1169380	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169379 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3804 TUESDAY WAY	11/20/10 1:18: PM	11/20/10 01:27 PM	2 GAL	Sewer Service Line	178501	LARGE ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169434	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169460 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4107 SHADY VILLA DR	11/20/10 11:45: PM	11/21/10 12:03 AM	1 GAL	Sewer Service Line	090401830000A	STRUCTURAL DEFECT ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION. ALSO ON PRIVATI PROPERTY LINE IS LAYING BACKWARDS	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1169449	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1169457, 1172353 AND 1173521 - FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE

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Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	6709 GREENLAWN RD	11/22/10 9:00: AM	11/22/10 09:26 AM	1 GAL	Sewer Service Line	32633	LARGE ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169533	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169592 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3315 RADIANCE RD	11/22/10 12:30: PM	11/22/10 05:27 PM	2 GAL	Sewer Service Line	86103	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169736	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1169675 AND 1169742 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1213 WELLER AVE	11/22/10 2:00: PM	11/22/10 03:00 PM	1 GAL	Sewer Service Line	109643	OBSTRCUTION IN THE PROPERTY SERVICE CONNECTION ON MSD AND PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1169699	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169707 - FLUSHED AND OPEN MSD'S PORTION AND ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	5106 LESABRE DR	11/22/10 10:50: PM	11/22/10 10:54 PM	1 GAL	Sewer Service Line	90825106B	OBSTRUCTION (PLUG) IN MSD'S PORTION OF THE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1169778	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170387 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4307 RONDEAN DR	11/22/10 11:05: PM	11/22/10 11:15 PM	1 GAL	Sewer Service Line	89807	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169783	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170277 AND 1170580 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	31 CARDWELL WAY	11/23/10 9:45: AM	11/23/10 12:52 PM	1 GAL	Sewer Service Line	BJ40470019	MAIN SEWER WAS STOPPED UP	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1170203	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170201 - ROOT CUT MAIN SEWER AND OPENED LINE
MORRIS FORMAN	KY0022411	1910 LOWELL AVE	11/23/10 5:54: PM	11/23/10 06:09 PM	1 GAL	Sewer Service Line	080C01350000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1170470	MSD CONTRACTOR CLEANED THE IMPACTTED AREA	WORK ORDERS 1170520 AND 1170604 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5511 CARTLEDGE CT	11/24/10 7:57: AM	11/24/10 07:58 AM	1 GAL	Sewer Service Line	18150	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1170432	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170513 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5608 BRAULIO CT	11/24/10 8:05: AM	11/24/10 08:06 AM	1 GAL	Sewer Service Line	3055608	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1170433	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170452 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND PLUMBER REPAIRED PRIVATE SIDE
DEREK R. GUTHRIE	KY0078956	5509 CUMNOCK RD	11/24/10 8:17: AM	11/24/10 08:17 AM	1 GAL	Sewer Service Line	BE08936239	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1170435	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170474 AND 1170577 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2296 RALPH AVE	11/24/10 9:30: AM	11/24/10 11:17 AM	100 GAL	Sewer Service Line	100900950000A	GREASE BLOCKAGE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1170530	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1170534 AND 1170551 - FLUSHED AND VACTORED GREASE FROM MAIN SEWER
MORRIS FORMAN	KY0022411	2816 ROCKHAVEN AVE	11/24/10 3:00: PM	11/24/10 03:56 PM	1 GAL	Sewer Service Line	089F01250000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1170622	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170626 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8314 SIESTA WAY	11/24/10 10:30: PM	11/24/10 11:07 PM	1 GAL	Sewer Service Line	PC12130019	ROOT OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1170668	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170675 - ROOT CUT MAIN SEWER
DEREK R. GUTHRIE	KY0078956	809 GLEAM DR	11/25/10 2:55: PM	11/25/10 03:00 PM	1 GAL	Sewer Service Line	WW10319029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1170735	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170921 AND 1171415 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3805 SUNRISE WAY	11/25/10 3:58: PM	11/25/10 04:00 PM	1 GAL	Sewer Service Line	091P00780000A	ROOTS IM MSD'S PORTIOM OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1170710	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170914 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3034 KLONWAY DR	11/25/10 9:39: PM	11/25/10 09:41 PM	1 GAL	Sewer Service Line	53677	ROOT OBSTRUCTION MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1170738	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1170736 AND 1170830 - ROOT CUT THE MAIN SEWER REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	1524 STONEWALL WAY	11/26/10 5:10: AM	11/26/10 05:12 AM	1 GAL	Sewer Service Line	037401650000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1170781	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170788 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7108 WESBORO RD	11/26/10 12:45: PM	11/26/10 01:15 PM	1 GAL	Sewer Service Line	109229	ROOTS AND GREASE IN MSD'S PORTION OF SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1170819	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170920 AND 1179513 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1907 WESLEY AVE	11/26/10 3:45: PM	11/26/10 04:17 PM	1 GAL	Sewer Service Line	109281	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1170836	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170889, 1171057 AND 174248 - ROOT CUT, SLIP LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2387 VALLEY VISTA RD	11/26/10 4:45: PM	11/26/10 05:15 PM	3 GAL	Sewer Service Line	105522	SEWER AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1170849	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD EPAIRED

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Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	728 S 15TH ST	11/26/10 11:00: PM	11/26/10 11:00 PM	1 GAL	Sewer Service Line	122296	SECTION OF PROPERTY SERVICE LINE HAS COLLAPSED ON MSD'S SIDE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1181946	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1170873 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8312 NOTTINGHAM PKY	11/27/10 12:41: AM	11/27/10 12:42 AM	1 GAL	Sewer Service Line	181891	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1170866	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1170885 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1472 S 6TH ST	11/27/10 5:26: PM	11/27/10 05:32 PM	1 GAL	Sewer Service Line	120027	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1170929	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170930 ADN 1170955 - ROOT CUT AND FLUSHED PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	4225 HILLBROOK DR	11/28/10 1:35: PM	11/28/10 01:56 PM	4 GAL	Sewer Service Line	089E01230000A	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1171151	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171150 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9420 WOOD HOLLOW RD	11/28/10 10:40: PM	11/29/10 12:02 AM	5 GAL	Sewer Service Line	PD26090049	ROOTS IN THE MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1171173	MSD CONTACT IMPERIAL FOR A FULL CLEAN	WORK ORDERS 1171170 AND 1171429 - FLUSHED AND ROOT CUT THE MAIN SEWER
HITE CREEK	KY0022420	5205 CHARLBURY CT	11/29/10 10:30: AM	11/29/10 11:34 AM	5 GAL	Sewer Service Line	180663	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1171386	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171392 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5409 ANATAHAN CT	11/29/10 11:44: AM	11/29/10 12:15 PM	1 GAL	Sewer Service Line	DD87322019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1171427	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1171484 AND 1172311 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4906 RED OAK LN	11/29/10 2:30: PM	11/29/10 03:12 PM	1 GAL	Sewer Service Line	87156	GREASE OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1171489	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171490 - ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3614 HILLSBORO RD	11/29/10 5:27: PM	11/29/10 06:01 PM	3 GAL	Sewer Service Line	53783	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1171629	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1177814 AND 1177815 - FLUSHED AND ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	1807 MILLGATE RD	11/29/10 6:15: PM	11/29/10 10:44 PM	1 GAL	Sewer Service Line	150062	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1171615	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1171611, 1171612 AND 1172081 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2625 GREENWOOD AVE	11/29/10 7:15: PM	11/29/10 07:45 PM	1 GAL	Sewer Service Line	32840	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1171668	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1171601 AND 1172007 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2709 RALPH AVE	11/30/10 9:45: AM	11/30/10 10:42 AM	2 GAL	Sewer Service Line	100901030000A	ROOTS IN THE MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1171913	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171914 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	59 HALLSDALE DR	12/01/10 2:50: PM	12/01/10 03:21 PM	1 GAL	Sewer Service Line	37601	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1172582	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1172919 AND 1173242 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9220 PAGODA DR	12/01/10 3:15: PM	12/01/10 03:45 PM	1 GAL	Sewer Service Line	PD23034019	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1172612	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
DEREK R. GUTHRIE	KY0078956	8211 VAUGHN MILL RD	12/01/10 11:45: PM	12/02/10 12:18 AM	1 GAL	Sewer Service Line	PC10098029	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1172645	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1172647 AND 1173037 - FLUSHED AND ROOT CUT THE MAIN SEWER AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	3607 MONTCLAIR AVE	12/02/10 10:10: AM	12/02/10 10:36 AM	1 GAL	Sewer Service Line	058200960000A	ROOTS AT THE SHARED JOINT OF THE PROPETY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1172885	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1172892 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5102 MONACO DR	12/02/10 12:45: PM	12/02/10 01:45 PM	1 GAL	Sewer Service Line	137307	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173134	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173210 AND 1177822 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	209 LANARK DELL	12/02/10 1:15: PM	12/02/10 01:46 PM	1 GAL	Sewer Service Line	131600	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1173010	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173277 AND 1173573 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	415 MARQUETTE DR	12/02/10 3:30: PM	12/02/10 04:13 PM	1 GAL	Sewer Service Line	034202110000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173092	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173273 AND 1173525 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1000 MEADOW HILL RD	12/02/10 5:15: PM	12/02/10 06:09 PM	1 GAL	Sewer Service Line	074700900000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173128	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173127 AND 1173216 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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	Cause of Overflow	Due To	Weather	WO # Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	6128 ATHENS DR	12/04/10 11:52: AM	12/04/10 11:57 AM	2 GAL	Sewer Service Line	PA08142029	PORTION OF THE PROPERTY SERVICE LINE IS BROKE BY LOUISVILLE WATER COMPANY	UTILITY DAMAGED MSD ASSET	DISDW DRY WEATHER DISCHARGE	1173540 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1173565 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3023 ST DENNIS AVE	12/04/10 2:03: PM	12/04/10 02:35 PM	1 GAL	Sewer Service Line	124793023	GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1173531 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1173532 - FLUSHED THE GREASE OUT OF THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	4733 LYNN LEA RD	12/05/10 1:31: PM	12/05/10 01:47 PM	2 GAL	Sewer Service Line	102005590000A	FURTHER INVESTIGATION REQUIRED	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1173577 CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION
MORRIS FORMAN	KY0022411	5117 ROSETTE BLVD	12/06/10 9:00: AM	12/06/10 09:59 AM	1 GAL	Sewer Service Line	097503720000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173666 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1173673 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1740 MEYERS LN	12/06/10 3:00: PM	12/06/10 04:00 PM	1 GAL	Sewer Service Line	90821740	GREASE OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1174282 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1174284 - FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	6807 FORDHAM LN	12/06/10 8:30: PM	12/06/10 09:20 PM	1 GAL	Sewer Service Line	BW04582029	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1174294 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1174296 - FLUSHED THE PROPERTY SERVICE LINE AND REMOVED OBSTRUCTION
DEREK R. GUTHRIE	KY0078956	7323 WINDEMERE DR	12/06/10 10:45: PM	12/06/10 11:35 PM	1 GAL	Sewer Service Line	1197323	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1176863 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1174300 AND 1174301 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9112 BRANDYWYNE DR	12/07/10 9:00: AM	12/07/10 09:22 AM	1 GAL	Sewer Service Line	BE09769269	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1174339 CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDERS 1174454 AND 1177778 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1000 AMBRIDGE DR	12/07/10 10:00: AM	12/07/10 10:15 AM	1 GAL	Sewer Service Line	181494	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1174378 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1174383, 1176765 AND 1179946 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND SLIP LINE
MORRIS FORMAN	KY0022411	1253 FOREST DR	12/07/10 5:45: PM	12/07/10 06:00 PM	1 GAL	Sewer Service Line	31642	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1174652 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1174804 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2420 LIME KILN LN	12/07/10 9:30: PM	12/07/10 09:50 PM	2 GAL	Sewer Service Line	116622420	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1174658 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1176874 - FLUSHED THE MAIN SEWER AND REMOVED GREASE
DEREK R. GUTHRIE	KY0078956	1602 BRICK KILN LN	12/08/10 12:00: PM	12/08/10 12:33 PM	1 GAL	Sewer Service Line	908216022	BAD HOOK UP AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1176686 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1176697 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	217 E MAIN ST	12/08/10 1:30: PM	12/08/10 02:30 PM	1 GAL	Sewer Service Line	64923	PRIVATE PROPERTY ISSUE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1176839 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER IF PROBLEM CONTINUES
MORRIS FORMAN	KY0022411	4219 BRIARWOOD RD	12/08/10 3:00: PM	12/08/10 06:00 PM	1 GAL	Sewer Service Line	052400750000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1176827 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1176830 AND 1176831 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	517 SELKIRK LN	12/08/10 4:00: PM	12/08/10 04:30 PM	1 GAL	Sewer Service Line	186404570000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1176813 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1177055, 1177615 AND 1178095 - ROOT CUT MAIN SEWER AND PROPERTY SERVICE LNE; REPAIRED PROPERTY SERVIC LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5208 STOUT BLVD	12/08/10 4:30: PM	12/08/10 05:12 PM	1 GAL	Sewer Service Line	179092	ROOTS IN AT THE SHARED JOINT AND ON MSD'S PORTION OF SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1176818 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1176997 AND 1178158 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	3609 GEORGETOWN PL	12/08/10 5:15: PM	12/08/10 06:30 PM	100 GAL	Sewer Service Line	33689	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1176845 MSD CONTRACTORED CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1176850, 1176851 AND 1177709 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3611 GEORGETOWN PL	12/08/10 5:15: PM	12/08/10 06:30 PM	125 GAL	Sewer Service Line	33693	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1176848 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1176850, 1176851 AND 1177709 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	2812 KLONDIKE LN	12/09/10 2:15: PM	12/09/10 02:55 PM	1 GAL	Sewer Service Line	004301770000A	HEAVY ROOTS ON MSD'S PORTION OF THE PROPERT' SERVICE CONNECTION	YROOTS	DISDW DRY WEATHER DISCHARGE	1177708 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1178020 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3130 HEWITT AVE	12/09/10 3:30: PM	12/09/10 04:06 PM	1 GAL	Sewer Service Line	056000230000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1177740 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1180056 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated		1										
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	11010 ALTSHELER PL	12/09/10 6:00: PM	12/09/10 06:09 PM	1 GAL	Sewer Service Line	PD17204089	GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1177791	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1177790 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3022 WELLBROOKE RD	12/09/10 7:45: PM	12/09/10 08:06 PM	1 GAL	Sewer Service Line	109468	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1177786	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1177947 AND 1180041 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2012 LOWELL AVE	12/09/10 8:00: PM	12/09/10 08:28 PM	1 GAL	Sewer Service Line	62768	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1177788	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1177923, 1179782 AND 1179788 - ROOT CUT, SLIP LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4418 MANNER DALE DR	12/10/10 11:15: AM	12/10/10 02:18 PM	25 GAL	Sewer Service Line	186004960000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ALSO ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1177936	MSD CLEANING CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1177937 AND 1177997 -ROOT CUT THE PROPERTY SERVICE CONNECTION AND THE MAIN SEWER
MORRIS FORMAN	KY0022411	4420 MANNER DALE DR	12/10/10 11:15: AM	12/10/10 02:34 PM	5 GAL	Sewer Service Line	186004970000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1177938	MSD CLEANING CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1177997 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4109 SIRATE LN	12/11/10 12:15: AM	12/11/10 12:37 AM	1 GAL	Sewer Service Line	175146	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179175	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1179191 AND 1179292 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3312 HUNSINGER LN	12/11/10 8:41: AM	12/11/10 09:19 AM	2 GAL	Sewer Service Line	191800260000A	OBSTRUCTION AND ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1179225	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1179223 AND 1181817 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2633 LANDOR AVE	12/11/10 11:12: AM	12/11/10 11:19 AM	2 GAL	Sewer Service Line	078L00510000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179216	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1179254 - REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	228 DERBY AVE	12/13/10 11:45: AM	12/13/10 12:13 PM	1 GAL	Sewer Service Line	054600480000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179451	CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDER 1179476 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	140 CORAL CT	12/14/10 9:30: AM	12/14/10 01:50 PM	1 GAL	Sewer Service Line	21839D	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1179676	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1179678 - ROOT CUT MAIN SEWER TO OPEN
MORRIS FORMAN	KY0022411	1512 SYLVAN CT	12/14/10 4:15: PM	12/14/10 04:49 PM	1 GAL	Sewer Service Line	086E01120000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179814	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1180009 AND 1180245 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4400 ESTATE DR	12/14/10 6:00: PM	12/14/10 06:28 PM	2 GAL	Sewer Service Line	131449	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179833	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1179832 AND 1181336 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5811 MEDTREE PL	12/14/10 11:26: PM	12/15/10 12:35 AM	4 GAL	Sewer Service Line	PD20298019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1179842	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1179841 AND 1179985 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3300 ALLISON WAY	12/15/10 9:15: PM	12/15/10 09:42 PM	1 GAL	Sewer Service Line	843	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1180096	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1180182, 1181535 AND 1181712 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
DEREK R. GUTHRIE	KY0078956	7905 GRENELLE DR	12/16/10 5:00: PM	12/16/10 05:25 PM	1 GAL	Sewer Service Line	PC10241079	ROOTS IN THE MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1180281	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1180285 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2901 GLEN HILL CT	12/17/10 10:15: AM	12/17/10 10:45 AM	1 GAL	Sewer Service Line	114642901	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181341	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1181521 AND 1181909 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1036 REEVES RD	12/17/10 12:48: PM	12/17/10 12:59 PM	2 GAL	Sewer Service Line	064101140000A	OBSTRUCTION AT THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1181510	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181531 AND 1181801 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3326 ROBIN RD	12/17/10 4:30: PM	12/17/10 05:18 PM	1 GAL	Sewer Service Line	069500610000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181572	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181573 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOJT
MORRIS FORMAN	KY0022411	3120 DOREEN WAY	12/17/10 6:00: PM	12/17/10 06:23 PM	1 GAL	Sewer Service Line	081J03160000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181584	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181583 - FLUSHED THE PROPERTY SERVICE LINE
JEFFERSONTOWN	KY0025194	2419 MERRIWOOD DR	12/17/10 6:30: PM	12/17/10 06:59 PM	1 GAL	Sewer Service Line	181301010000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1181587	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181605 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES #	Location	Date & Time	Date & Time	Overnow	Type							
DEREK R. GUTHRIE	KY0078956	9708 SCARBOROUGH AVE	12/17/10 11:30: PM	12/17/10 11:47 PM	1 GAL	Sewer Service Line	AU12313069	GREASE BLOCKAGE IN MSD'S PORTION OF THE LINE	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1181594	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181598 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4516 COD DR	12/18/10 10:10: AM	12/18/10 10:29 AM	2 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1181627	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181628 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6700 CARRIBEAN LN	12/18/10 11:27: AM	12/18/10 11:40 AM	3 GAL	Sewer Service Line	PB17872029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181623	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181685 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2421 WOODMONT DR	12/18/10 3:28: PM	12/18/10 03:44 PM	1 GAL	Sewer Service Line		OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1181615	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181616 - REMOVED OBSTRUCTION WHILE MINI-CAMERA THE LINE
MORRIS FORMAN	KY0022411	3121 COMMANDER DR	12/18/10 6:15: PM	12/18/10 06:35 PM	1 GAL	Sewer Service Line	22829	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181639	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1181761 AND 1182033 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	121 N 44TH ST	12/20/10 10:19: AM	12/20/10 10:34 AM	100 GAL	Sewer Service Line	A08830029	A SECTION OF MSD'S PROPERTY SERVICE CONNECTION BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1181782	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181773 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3015 VOGUE AVE	12/20/10 12:00: PM	12/20/10 12:41 PM	1 GAL	Sewer Service Line	106483	ROOTS AND TOWELS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1181819	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181820 - ROOT CUT MAIN SEWER AND OPENED LINE UP
DEREK R. GUTHRIE	KY0078956	3509 FOREMAN LN	12/20/10 1:00: PM	12/20/10 01:59 PM	1 GAL	Sewer Service Line	PC06618019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181853	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181861 - ROOTCUT AND OPEN THE PROPERTY SERVCIE CONNECTION
MORRIS FORMAN	KY0022411	3820 STAEBLER AVE	12/21/10 6:26: PM	12/21/10 07:18 PM	2 GAL	Sewer Service Line	97308	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1182159	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182161M 1182163 AND 1183116 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND ROOT CUT AS COURTESY ON PRIVATE SIDE
MORRIS FORMAN	KY0022411	2903 GLEN HILL CT	12/22/10 8:30: AM	12/22/10 09:15 AM	1 GAL	Sewer Service Line		ROOTBALL IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182207	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182231 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3926 ELMWOOD AVE	12/22/10 2:30: PM	12/22/10 02:58 PM	2 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182315	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182321, 1182473, & 1183393 - ROOT CUT AND REMOVED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4125 HILLBROOK DR	12/22/10 10:10: PM	12/22/10 10:12 PM	1 GAL	Sewer Service Line	089F01410000A	ROOTS ON MSD'S PORTION OF SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182380	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 228387 AND 2283560 - FLUSHED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	4017 SLACK AVE	12/23/10 9:15: AM	12/23/10 08:01 PM	1 GAL	Sewer Service Line	PD07166019	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182495	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182496 - FLUSHED AND VACTORED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	4307 MANNER DALE DR	12/23/10 11:17: AM	12/23/10 01:47 PM	1 GAL	Sewer Service Line	186004330000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1182484	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182458 - FLUSHED/VACTORED THE OBSTRUCTION FROM THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	2819 CHIMNEY ROCK LN	12/23/10 11:39: AM	12/23/10 03:55 PM	2 GAL	Sewer Service Line	191201220000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1182468	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182467 AND 1182479 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	730 S 15TH ST	12/23/10 4:38: PM	12/23/10 05:15 PM	1 GAL	Sewer Service Line		PIPE BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1182523	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182520 ADN 1186353 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6005 CROCKETT DR	12/23/10 6:00: PM	12/23/10 06:40 PM	1 GAL	Sewer Service Line	124366005	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182486	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182487 - FLUSHED PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	4813 BLUEBIRD AVE	12/23/10 6:01: PM	12/23/10 06:15 PM	1 GAL	Sewer Service Line	177831	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182529	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182569 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4312 FLUHR DR	12/23/10 9:16: PM	12/23/10 09:17 PM	1 GAL	Sewer Service Line	38951	SEWAGE HOLDING AT THE SHARED JOINT OF MSD INSTALLED CLEANOUT	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182503	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182506 - FLUSHED AND REMOVED OBSTRUCTION
DEREK R. GUTHRIE	KY0078956	11103 STALWERT PL	12/24/10 8:33: AM	12/24/10 04:02 PM	1 GAL	Sewer Service Line	DD40018019	OBSTRUCTION IN MSD'S CLEANOUT	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182576	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1184880 - FLUSH AND VACTORED THE OBSTRUCTION FROM CLEANOUT OUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4149 GARLAND AVE	12/24/10 10:55: AM	12/24/10 04:41 PM	1 GAL	Sewer Service Line	43674	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182577	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1184876 - FLUSHED AND ACTORED THE OBSTRUCTION FROM THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4914 MILE OF SUNSHINE DR	12/24/10 2:18: PM	12/24/10 02:20 PM	1 GAL	Sewer Service Line	PB18334019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182561	CUSTOMER CLEANED IMPACTED AREA	WORK ORDER 1182605 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4017 SLACK AVE	12/26/10 2:10: PM	12/26/10 02:20 PM	1 GAL	Sewer Service Line	PD07166019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND LIGHT ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1183243	MSD CONTRACTORED CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1182830 - ROOT CUT THE PROPERTY SERIVCE LINE AND MAIN SEWER SEWER
STARVIEW	KY0031712	412 TAURUS PL	12/26/10 3:37: PM	12/26/10 03:40 PM	1 GAL	Sewer Service Line	AN36522019	SLUDGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1182801	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182799 - CHAINCUT AND OPEN LINE
MORRIS FORMAN	KY0022411	4010 MAPLETON AVE	12/26/10 5:35: PM	12/26/10 05:45 PM	2 GAL	Sewer Service Line	67029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1182813	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182822 AND 1183135 - FLUSHED MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3842 KLONDIKE LN	12/27/10 9:45: AM	12/27/10 11:28 AM	1 GAL	Sewer Service Line	53327	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1183139	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1183140 AND 1183159 - ROOT CUT BOTH SEWER SERVICE CONNECTION AND MAIN SEWER
MORRIS FORMAN	KY0022411	5506 ROSARY CT	12/27/10 10:00: AM	12/27/10 10:38 AM	1 GAL	Sewer Service Line	90082	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183143	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1183329 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8705 KEV CT	12/27/10 11:45: AM	12/27/10 01:48 PM	2 GAL	Sewer Service Line	BJ23549019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1183165	MSD'S CLEANING CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1183167 - ROOT CUT MAIN SEWER TO OPEN
MORRIS FORMAN	KY0022411	3917 MANNER DALE DR	12/27/10 2:00: PM	12/27/10 03:50 PM	1 GAL	Sewer Service Line	66687	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1183206	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1183208 ROOT CUT MSD'S PORTION AND ADVISED CUSTOMER TO CONTACT PLUMBER BACK
MORRIS FORMAN	KY0022411	5014 WABASH PL	12/27/10 5:15: PM	12/27/10 06:00 PM	1 GAL	Sewer Service Line	059M00070000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183298	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1183448, 1183450 AND 1188518 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	123 RIDGEWAY AVE	12/27/10 6:41: PM	12/27/10 06:42 PM	1 GAL	Sewer Service Line	87872	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1183272	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1183270, 1183406 AND 1184906 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINE
MORRIS FORMAN	KY0022411	8915 CROMWELL HILL RD	12/27/10 7:33: PM	12/27/10 07:34 PM	1 GAL	Sewer Service Line	186105220000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183274	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1183372 AND 1187977 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7806 BARBOUR MANOR DR	12/27/10 11:28: PM	12/27/10 11:29 PM	1 GAL	Sewer Service Line	160600220000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183292	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1183398 AND 1185165 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	8138 AFTERGLOW DR	12/28/10 1:35: AM	12/28/10 01:36 AM	1 GAL	Sewer Service Line	WW10472049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1183296	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1183383 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; ADVISED CUSTOMER TO CONTACT PLUMBER
DEREK R. GUTHRIE	KY0078956	9312 MICHAEL EDWARD DR	12/28/10 11:45: AM	12/28/10 12:08 PM	1 GAL	Sewer Service Line	698086	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183377	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1183410 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7903 GRENELLE DR	12/28/10 10:00: PM	12/28/10 10:35 PM	1 GAL	Sewer Service Line	PC10242019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1183474	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1183473 AND 1184937 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1015 W JEFFERSON ST	12/29/10 9:30: AM	12/29/10 11:45 AM	20 GAL	Sewer Service Line	49642	ROOTS IN MAIN SEWER AND ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1184921	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA AT THIS TIME	WORK ORDERS 1186220, 1188511 AND 1188591 - ROOT CUT MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3551 LISBON LN	12/29/10 3:00: PM	12/29/10 03:26 PM	1 GAL	Sewer Service Line	61331	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185013	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185020 ADN 1186343 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2901 KLONDIKE LN	12/29/10 3:15: PM	12/29/10 04:00 PM	2 GAL	Sewer Service Line	091E01770000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND PRIVATE PROPERTY ISSUE	ROOTS	DISDW DRY WEATHER DISCHARGE	1185060	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1185062 ROOTCUT AND OPEN THE MSD PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	367 BAXTER AVE	12/29/10 10:00: PM	12/29/10 10:20 PM	1 GAL	Sewer Service Line	7836	MSD PIPE COLLAPSED ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION.	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1185077	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185170 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES#					Type							
MORRIS FORMAN	KY0022411	2125 BELQUIN RD	12/29/10 11:00: PM	12/29/10 11:42 PM	1 GAL	Sewer Service Line	8249	GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1185088	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185086 AND 1185619 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	5109 SOUTHERN PKY	12/30/10 10:15: AM	12/30/10 10:52 AM	1 GAL	Sewer Service Line	060G01130000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185171	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185550 AND 1193639 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7203 IVAN CT	12/30/10 1:00: PM	12/30/10 03:00 PM	25 GAL	Sewer Service Line	062R00460000A	OBSTRCUTION IN THE MSD MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1185612	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1185617 - FLUSHED AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	7211 IVAN CT	12/30/10 1:00: PM	12/30/10 03:00 PM	1 GAL	Sewer Service Line	062R00500000A	OBSTRCUTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1185627	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185617 - FLUSHED AND OPEN THE MAIN SEWER
HITE CREEK	KY0022420	10208 WORTHINGTON LN	12/30/10 4:00: PM	12/30/10 05:13 PM	1 GAL	Sewer Service Line	13785435	BAD HOOKUP SETUP AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1185592	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185800 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1807 NEVILLE DR	12/30/10 5:30: PM	12/30/10 06:00 PM	1 GAL	Sewer Service Line	101500300000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185622	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1187624 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5107 ROSETTE BLVD	12/30/10 5:30: PM	12/30/10 06:21 PM	1 GAL	Sewer Service Line	097503770000A	GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1185606	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185605 - FLUSHED GREASE FROM THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6706 GREENWOOD RD	12/30/10 8:00: PM	12/30/10 08:32 PM	1 GAL	Sewer Service Line	125466706D	GREASE OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	E GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1185628	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185650 AND 1186293 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	1010 SPRINGVIEW DR	12/30/10 10:30: PM	12/30/10 10:39 PM	1 GAL	Sewer Service Line	PC08001019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1185635	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185819 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9855 LONGWOOD CIR	12/31/10 5:45: PM	12/31/10 05:45 PM	1 GAL	Sewer Service Line	61593	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1185833	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185834 AND 1186189 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	11320 LEESBURG PL	01/01/11 11:05: AM	01/01/11 11:17 AM	1 GAL	Sewer Service Line	165605910000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185869	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1185920 AND 1189457 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	105 ALVINA WAY	01/01/11 11:54: AM	01/01/11 12:56 PM	3 GAL	Sewer Service Line	9379	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1185872	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1186430 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	7203 IVAN CT	01/01/11 1:00: PM	01/01/11 01:12 PM	10 GAL	Sewer Service Line	062R00460000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1185875	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1186430 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	200 LINDA DR	01/01/11 9:30: PM	01/01/11 09:59 PM	1 GAL	Sewer Service Line	105003290000A	GREASE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1185900	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185899 - PUSHED GREASE FROM PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	233 GRANVIL DR	01/02/11 1:01: PM	01/02/11 01:12 PM	1 GAL	Sewer Service Line	132955	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185962	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1186361 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5500 DATURA LN	01/03/11 9:15: AM	01/03/11 10:00 AM	1 GAL	Sewer Service Line	124445500B	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186313	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1186320 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4314 MOUNT VERNON RD	01/03/11 12:00: PM	01/03/11 12:51 PM	1 GAL	Sewer Service Line	089G00390000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186275	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186279 AND 1186644 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	312 WESTPORT DR	01/03/11 4:30: PM	01/03/11 05:09 PM	1 GAL	Sewer Service Line	031000160000A	ROOTS IN MSD'S PORTION OF THE PROPWERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186390	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186674 AND 1189375 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4512 S 1ST ST	01/04/11 10:00: AM	01/04/11 10:26 AM	1 GAL	Sewer Service Line	057G01080000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1186531	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186661 AND 1187656 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3010 KLONWAY DR	01/04/11 4:50: PM	01/04/11 04:56 PM	2 GAL	Sewer Service Line	53650	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186751	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1187971 AND 1188296 - ROOT CUT AND REPAIRD THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO# Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3916 BANTAM CT	01/04/11 5:11: PM	01/04/11 06:02 PM	2 GAL	Sewer Service Line	012301610000A	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186755 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186756, 1187611 AND 1207466 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2- WAY CLEANOUT
MORRIS FORMAN	KY0022411	506 RIDGEWOOD RD	01/05/11 10:45: AM	01/05/11 12:30 PM	1 GAL	Sewer Service Line	072V00460000A	MASSIVE ROOTS IN THE MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1187285 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1187282 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	7803 OLD TREE RUN	01/05/11 12:45: PM	01/05/11 01:08 PM	1 GAL	Sewer Service Line	247600330000A	ROOTS AND GREASE IN SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1187525 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1188058 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLEED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	10903 ORELAND MILL RD	01/05/11 1:45: PM	01/05/11 02:03 PM	1 GAL	Sewer Service Line	175249	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1187550 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1187800 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	302 CHIPPENDALE CT	01/05/11 11:00: PM	01/05/11 11:32 PM	5 GAL	Sewer Service Line	149303710000A	EVIDENCE OF GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1187686 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1187684 - FLUSHED THE MAIN SEWER AND REMOVED OBSRUCTION
MORRIS FORMAN	KY0022411	4202 MELDA LN	01/06/11 9:10: AM	01/06/11 09:43 AM	4 GAL	Sewer Service Line	70271	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1187803 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1187810 AND 1188294 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2825 DUMESNIL ST	01/06/11 3:15: PM	01/06/11 03:45 PM	9 GAL	Sewer Service Line	155843	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1188071 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1188069 - FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1654 DIXDALE AVE	01/06/11 6:15: PM	01/06/11 06:39 PM	1 GAL	Sewer Service Line	041J00900000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188055 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1188135 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	9005 HUDSON LN	01/07/11 12:30: PM	01/07/11 01:11 PM	1 GAL	Sewer Service Line	BE09000619	OBSTRUCTION AT END OF LINE IN MANHOLE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1188260 CUSTOMER CLEANED THE IMPACTED AREA	REMOVED WITH SHOVEL
MORRIS FORMAN	KY0022411	10103 DORSEY HILL RD	01/07/11 1:30: PM	01/07/11 01:55 PM	1 GAL	Sewer Service Line	160900020000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188275 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1188512 AND 1188590 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1136 S 32ND ST	01/07/11 3:06: PM	01/07/11 03:10 PM	2 GAL	Sewer Service Line	126227	PROPERTY SERVICE LINE WAS BORED THROUGH	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1188311 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1188307 AND 1189636 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4312 FLUHR DR	01/08/11 2:44: PM	01/08/11 03:09 PM	4 GAL	Sewer Service Line	38951	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188557 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1188559 - FLUSHED THE PROPERTY SERVICE LINE
JEFFERSONTOWN	KY0025194	9618 LYRIC LN	01/08/11 8:30: PM	01/08/11 09:03 PM	1 GAL	Sewer Service Line	059500660000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188552 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1188560 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	613 RYMER WAY	01/09/11 1:50: PM	01/09/11 02:06 PM	2 GAL	Sewer Service Line	164585	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188595 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189513 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3708 CANOPUS CT	01/09/11 2:38: PM	01/09/11 02:43 PM	1 GAL	Sewer Service Line	180846	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1188593 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1189348 AND 1189732 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3643 KELLY WAY	01/10/11 9:45: AM	01/10/11 10:21 AM	1 GAL	Sewer Service Line	082F01760000A	ROOTS AT THR SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1189723 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189344 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	4117 ANGEL TER	01/10/11 12:00: PM	01/10/11 12:27 PM	1 GAL	Sewer Service Line	JT02234619	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1189398 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	5201 ROMAN DR	01/10/11 12:30: PM	01/10/11 01:12 PM	1 GAL	Sewer Service Line	055900840000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189422 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189609 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4136 SHELBYVILLE RD	01/10/11 2:00: PM	01/10/11 02:39 PM	1 GAL	Sewer Service Line	134136	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1189469 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189484 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	1720 ORMSBY LN	01/10/11 4:00: PM	01/10/11 04:44 PM	1 GAL	Sewer Service Line	142652	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1189517 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1189523 ADN 1190504 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES #	Location	Date & Time	Date & Time	Overnow	Type							
MORRIS FORMAN	KY0022411	3036 WEDGEWOOD WAY	01/10/11 5:00: PM	01/10/11 05:25 PM	1 GAL	Sewer Service Line	081G00860000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189528	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1189694 AND 1190011 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1700 ARLING AVE	01/11/11 11:00: AM (	01/11/11 12:05 PM	4 GAL	Sewer Service Line	5556	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189659	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1189670 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	214 DORSEY LN	01/11/11 4:51: PM	01/11/11 05:24 PM	2 GAL	Sewer Service Line	28908	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189757	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189871 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1815 MYDDLETON DR	01/12/11 3:00: PM (	01/12/11 03:42 PM	1 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190012	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190019 AND 1190173 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4812 PINEWOOD RD	01/12/11 5:30: PM	01/12/11 05:40 PM	1 GAL	Sewer Service Line		PORTION OF PROPERTY SERVICE LINE DAMAGED BY CONTRACTOR	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1190048	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1190156 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3612 PLYMOUTH RD	01/13/11 9:30: PM	01/13/11 09:57 PM	1 GAL	Sewer Service Line	055000550000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1190365	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1190366 AND 1190675 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3100 ROSELAWN BLVD	01/13/11 11:45: PM (	01/14/11 12:13 AM	1 GAL	Sewer Service Line	89541	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190370	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190507 AND 1191213 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2605 ALANMEDE RD	01/15/11 12:40: PM (	01/15/11 01:13 PM	2 GAL	Sewer Service Line		MASSIVE ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190758	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1190759 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2702 ALANMEDE RD	01/15/11 2:07: PM	01/15/11 02:24 PM	2 GAL	Sewer Service Line	081H00310000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190750	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190742 AND 1190787 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6302 FLINTLOCK CIR	01/15/11 2:45: PM	01/15/11 03:04 PM	2 GAL	Sewer Service Line		GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1190754	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1190752 AND 1190792 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3612 PLYMOUTH RD	01/15/11 4:10: PM	01/15/11 04:21 PM	2 GAL	Sewer Service Line	055000550000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1190763	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1190765 - FLUSHED THE MAIN SEWER AND OPEN LINE
MORRIS FORMAN	KY0022411	4622 SILVERLEAF DR	01/15/11 7:15: PM	01/15/11 07:40 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190772	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190768, 1190785, AND 1194084 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	209 S HUBBARDS LN	01/15/11 9:00: PM	01/15/11 09:20 PM	1 GAL	Sewer Service Line	133038	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190771	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190788, 1191068 AND 1191205 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4064 MASSIE AVE	01/17/11 2:00: PM	01/17/11 02:30 PM	1 GAL	Sewer Service Line		LWC -WATER MAIN HAS COLLASPED AND BROKE PROPERTY SERVICE LINE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1190893	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1190846 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3013 BOAIRES LN	01/17/11 4:30: PM	01/17/11 05:00 PM	1 GAL	Sewer Service Line	082Y00840000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190897	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190861 AND 1191204 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1434 HEMLOCK ST	01/17/11 5:12: PM	01/17/11 05:13 PM	1 GAL	Sewer Service Line	39684	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1190863	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1191325 & 1192426 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	11507 PIERCE WAY	01/17/11 7:37: PM	01/17/11 07:38 PM	1 GAL	Sewer Service Line	1202011507A	ROOTS AT THE SHARED PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190884	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1190881 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3112 DALE ANN DR	01/17/11 9:54: PM (	01/17/11 09:55 PM	1 GAL	Sewer Service Line	24276	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION.	ROOTS	DISDW DRY WEATHER DISCHARGE	1190906	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191172 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	31 CARDWELL WAY	01/17/11 10:32: PM	01/17/11 10:32 PM	1 GAL	Sewer Service Line	BJ40470019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1190908	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1190907 AND 1191011- FLUSHED AND ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	1267 LUCAS AVE	01/17/11 11:04: PM (	01/17/11 11:17 PM	1 GAL	Sewer Service Line	62799	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190911	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191101 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #		Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	7809 NEW LA GRANGE RD	01/17/11 11:24: PM	01/17/11 11:25 PM	1 GAL	Sewer Service Line	94347809	MASSIVE ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1190913	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191091 - REMOVED MASSIVE ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	311 E SOUTHSIDE CT	01/18/11 10:00: AM	01/18/11 10:51 AM	1 GAL	Sewer Service Line	059K00260000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1191014	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORERS 1191019, 1191342 ADN 1192334 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3719 GREENWICH RD	01/18/11 11:00: AM	01/18/11 11:41 AM	1 GAL	Sewer Service Line	091E00690000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1191057	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1191488 AND 1192992 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3534 WINCHESTER RD	01/18/11 12:45: PM	01/18/11 01:12 PM	1 GAL	Sewer Service Line	112074	ROOTS AT THE SHARED JOINT OF PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1191107	ADVISED CUSTOMER THEY'RE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDERS 1191357 AND 1192352 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3805 LAYSIDE DR	01/18/11 1:30: PM	01/18/11 02:25 PM	1 GAL	Sewer Service Line	58085	MSD PERSONNEL FLUSHING LINES IN AREA	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1191164	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL MSD IF THIS SHOULD HAPPEN AGAIN
MORRIS FORMAN	KY0022411	3411 VIRGINIA AVE	01/18/11 5:49: PM	01/18/11 05:49 PM	2 GAL	Sewer Service Line	107521	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1191244	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191309 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8100 AMITY LN	01/19/11 8:45: AM	01/19/11 09:20 AM	1 GAL	Sewer Service Line	196402460000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1191304	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191380 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3120 WIDGEON AVE	01/19/11 9:30: AM	01/19/11 10:00 AM	1 GAL	Sewer Service Line	111551	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1191317	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1191645 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	444 UNIVERSITY AVE	01/19/11 1:00: PM	01/19/11 01:51 PM	5 GAL	Sewer Service Line	105796	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1191405	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1191640 - ROOT CUT THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	6310 PARK RD	01/19/11 7:30: PM	01/19/11 07:58 PM	1 GAL	Sewer Service Line	14551132	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1191524	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1191602 AND 1193106 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	234 FLAMINGO DR	01/20/11 11:30: AM	01/20/11 01:07 PM	1 GAL	Sewer Service Line	49902	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1192303	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192304 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	806 OXMOOR WOODS PKY	01/20/11 6:30: PM	01/20/11 07:13 PM	1 GAL	Sewer Service Line	241701380000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192497	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192591 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4627 WESTCHESTER AVE	01/20/11 9:00: PM	01/20/11 09:27 PM	1 GAL	Sewer Service Line	109565	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192506	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192533 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1095 FORREST VIEW DR	01/20/11 11:00: PM	01/20/11 11:50 PM	5 GAL	Sewer Service Line	066001220000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1192512	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1192600, 1192602 AND 1192669 - ROOT CUT AND FLUSHED THE MAIN SEWEER
DEREK R. GUTHRIE	KY0078956	1084 SPRINGVIEW DR	01/20/11 11:00: PM	01/20/11 11:50 PM	10 GAL	Sewer Service Line	066002210000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1192672	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1192600, 1192602 AND 1192669 - ROOT CUT AND FLUSHED THE MAIN SEWEER
DEREK R. GUTHRIE	KY0078956	1083 FORREST VIEW DR	01/20/11 11:00: PM	01/20/11 11:50 PM	10 GAL	Sewer Service Line	136489	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE		MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1192600, 1192602 AND 1192669 - ROOT CUT AND FLUSHED THE MAIN SEWEER
DEREK R. GUTHRIE	KY0078956	2221 FARNSLEY RD	01/21/11 12:26: PM	01/21/11 12:57 PM	2 GAL	Sewer Service Line	33956	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192624	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192702 - REPAIRED THE PROPERTY SERVICE SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3525 TYRONE DR	01/21/11 6:30: PM	01/21/11 07:00 PM	1 GAL	Sewer Service Line	087F01040000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192677	CUSTOMER CLEANED THE IMPACTED	WORK ORDERS 1192688 AND 1193701 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3601 CALAIS DR	01/22/11 2:55: PM	01/22/11 02:57 PM	1 GAL	Sewer Service Line	059300390000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192717	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192752 - ROOT CUT THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	2340 STROTMAN RD	01/22/11 6:00: PM	01/22/11 06:34 PM	1 GAL	Sewer Service Line	100877	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192730	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192757 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0022411	933 WESTVIEW DR	01/22/11 6:45: PM (	01/22/11 07:05 PM	1 GAL	Sewer Service Line	062N01740000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1192739	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192746 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3203 ALLISON WAY	01/23/11 8:45: PM	01/23/11 09:50 PM	1 GAL	Sewer Service Line	572	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1192899	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192897 - FLUSHED THE OBSTRUCTION FROM SEWER
MORRIS FORMAN	KY0022411	4018 GILMAN AVE	01/24/11 3:30: PM	01/24/11 04:05 PM	1 GAL	Sewer Service Line	39616	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193118	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1193125 ADN 1193858 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10304 GRAND AVE	01/24/11 4:30: PM (	01/24/11 04:56 PM	1 GAL	Sewer Service Line	JT19835719	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193138	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1193428 AND 1194347 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7700 KIM DR	01/24/11 5:00: PM (	01/24/11 05:30 PM	1 GAL	Sewer Service Line	181080	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193150	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193244 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	601 KIRSCH WAY	01/25/11 11:20: AM (	01/25/11 11:46 AM	1 GAL	Sewer Service Line	AU14574039	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193375	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193439 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6821 NALERY WAY	01/25/11 1:15: PM (	01/25/11 01:37 PM	1 GAL	Sewer Service Line	PC10317029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193410	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1193704, 1198784, 1198820 AND 1209862 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1108 MARQUIS TRCE	01/25/11 4:30: PM (	01/25/11 06:25 PM	10 GAL	Sewer Service Line	195604570000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193510	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1193523 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5604 RIATA CT	01/25/11 7:00: PM (	01/25/11 07:04 PM	2 GAL	Sewer Service Line	097802690000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193539	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1193637 AND 1194055 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	121 CLAREMONT AVE	01/25/11 8:29: PM	01/25/11 08:30 PM	2 GAL	Sewer Service Line	19200	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193541	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193754 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	226 MONOHAN DR	01/25/11 10:23: PM (	01/25/11 10:39 PM	1 GAL	Sewer Service Line	052300650000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193553	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193757 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2423 WESTWOOD AVE	01/27/11 11:00: AM (	01/27/11 12:14 PM	1 GAL	Sewer Service Line	089H01670000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193935	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193944 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3525 HUGHES RD	01/27/11 11:30: AM	01/27/11 01:05 PM	1 GAL	Sewer Service Line	082N00560000A	SLIP LINE MATERIAL THAT WAS SHOT INTO CUSTOMERS LINE WENT PAST TAP INTO MAIN SEWER AND STOPPED LINE UP	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1193930	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1193931 AND 1193932 - ROOT CUT MAIN SEWER AND FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	7703 BURR LN	01/27/11 1:30: PM	01/27/11 01:59 PM	1 GAL	Sewer Service Line	104402680000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193987	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193995 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8105 TERRY RD	01/27/11 4:30: PM	01/27/11 06:14 PM	1 GAL	Sewer Service Line	125168105	LWC DAMAGED MSD'S PROPERTY SERVICE LINE	UTILITY DAMAGED MSD ASSET	DISDW DRY WEATHER DISCHARGE	1198789	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1194074 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3007 CROMARTY WAY	01/28/11 9:15: AM	01/28/11 09:52 AM	1 GAL	Sewer Service Line	185303290000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194169	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1194930 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7008 WELFORD AVE	01/28/11 1:59: PM	01/28/11 02:42 PM	2 GAL	Sewer Service Line	DD71653019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194586	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1194583 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2706 GOLDSMITH LN	01/28/11 2:00: PM	01/28/11 02:12 PM	1 GAL	Sewer Service Line	081J00540000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194579	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1194933 ADN 1195759 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MCNEELY LAKE	KY0029416	10012 MCNEELY LAKE DR	01/28/11 2:45: PM (	01/28/11 03:14 PM	10 GAL	Sewer Service Line	PD20861319	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1194607	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1194953 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	2218 RICHLAND AVE	01/28/11 3:30: PM (	01/28/11 03:58 PM	1 GAL	Sewer Service Line	87090	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194628	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1194932 AND 1210830 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater	Associated Treatment	Overflow	Overflow Start	Overflow Stop	Volume of	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Treatment Plant Name	Plant KPDES #	Location	Date & Time	Date & Time	Overflow	Туре			20010				
MORRIS FORMAN	KY0022411	4711 CLIFF AVE	01/28/11 9:30: PM	01/28/11 09:57 PM	1 GAL	Sewer Service Line	054E01060000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194922	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1194961 AND 1195023 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	121 BONNER AVE	01/29/11 1:49: PM	01/29/11 02:15 PM	2 GAL	Sewer Service Line	032000210000A	A SECTION OF PIPE WAS FIXED INCORRECTLY	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1194970	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1194999 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3116 BOBOLINK RD	01/29/11 3:00: PM	01/29/11 03:30 PM	2 GAL	Sewer Service Line	10498	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1194964	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1195015 AND 1195762 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A TWO-WAY CLEANOUT
MORRIS FORMAN	KY0022411	137 N PETERSON AVE	01/30/11 5:30: PM	01/30/11 06:01 PM	1 GAL	Sewer Service Line	82025	CLEANOUT HAS BEEN CRUSHED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1195049	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1195170 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MCNEELY LAKE	KY0029416	10016 MCNEELY LAKE DR	01/30/11 7:00: PM	01/30/11 07:50 PM	5 GAL	Sewer Service Line	PD20861739	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1195057	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1195055 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3929 KENNISON AVE	01/30/11 10:45: PM	01/30/11 11:20 PM	1 GAL	Sewer Service Line	51944	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195075	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1195319 AND 1196145 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3020 WELLBROOKE RD	01/31/11 8:45: AM	01/31/11 09:40 AM	1 GAL	Sewer Service Line	109470	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1195148	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1195149 - ROOT CUT MAIN SEWER TO OPEN LINE
MCNEELY LAKE	KY0029416	10009 MCNEELY LAKE DR	01/31/11 12:16: PM (	01/31/11 12:34 PM	1 GAL	Sewer Service Line	PD20876119	FLUSHING MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1196609	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1005 CLERKENWELL RD	01/31/11 1:45: PM (	01/31/11 02:18 PM	1 GAL	Sewer Service Line	181486	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195707	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1196100 AND 1196708 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1015 WOODWAY LN	01/31/11 4:19: PM	01/31/11 04:23 PM	2 GAL	Sewer Service Line	114815	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195837	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1195922 ADN 1196685 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10010 MERIONETH DR	01/31/11 4:58: PM	01/31/11 05:04 PM	3 GAL	Sewer Service Line	JT19914519	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195836	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1195979 AND 1198695 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7912 EDSEL LN	01/31/11 5:23: PM (	01/31/11 05:27 PM	1 GAL	Sewer Service Line	BW04229069	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1195833	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1196133 ADN 1198865 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3020 WELLBROOKE RD	01/31/11 8:55: PM (	01/31/11 09:01 PM	2 GAL	Sewer Service Line	109470	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195845	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1196041 AND 1199139 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2727 ALANMEDE RD	02/01/11 3:00: PM	02/01/11 03:28 PM	1 GAL	Sewer Service Line	081H00280000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1196203	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1196710 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4502 RONDEAN DR	02/01/11 4:57: PM (	02/01/11 05:03 PM	2 GAL	Sewer Service Line	89805	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1196244	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1198746 AND 1199904 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6806 MANSLICK RD	02/01/11 6:18: PM	02/01/11 07:27 PM	10 GAL	Sewer Service Line	102800670000A	OBSTRUCTION IN MAIN SEWER; ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1196275	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1196282 AND 1196584 - FLUSHE MAIN SEWER; REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6808 MANSLICK RD	02/01/11 6:18: PM	02/01/11 07:27 PM	6 GAL	Sewer Service Line	102800890000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1196274	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1214126 - FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	4218 HAZELWOOD AVE	02/02/11 9:00: AM	02/02/11 09:53 AM	1 GAL	Sewer Service Line	066E01540000A	LINE COLLASPSED ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1196548	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1196561 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH HILLS	KY0029459	10402 ST RENE RD	02/02/11 3:15: PM (	02/02/11 03:43 PM	1 GAL	Sewer Service Line	BE07791659	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1198745	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	1453 TEXAS AVE	02/02/11 3:45: PM	02/02/11 04:30 PM	1 GAL	Sewer Service Line	103555	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1198805	MSD CONTRACTOR CLEANED THE IMPACTED AREA	WORK ORDER 1198812 - ROOTCUT AND OPEN THE MAIN SEWER

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Associated	Anna-i-t							1					
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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	626 S 38TH ST	02/03/11 2:30: PM	02/03/11 04:02 PM	2 GAL	Sewer Service Line	B10919019	LINE COLLASPSED AND GREASE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1199887	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1199889 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9213 WOODHURST CT	02/03/11 3:15: PM	02/03/11 04:31 PM	3 GAL	Sewer Service Line	198600210000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1199907	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1199941 AND 1199942 - ROOTCUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	4930 GARDEN GREEN WAY	02/03/11 9:30: PM	02/03/11 10:46 PM	1 GAL	Sewer Service Line	165757	CONTRACTOR "ROBINSON" FLUSHED MAIN SEWER AND OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1199950	ROBINSON COMPANY WILL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1199953 - FLUSHED AND OPEN MAIN SEWER
MORRIS FORMAN	KY0022411	3012 DALE ANN DR	02/03/11 9:30: PM	02/03/11 09:46 PM	5 GAL	Sewer Service Line	24217	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1199948	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1200356 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	208 S SHERRIN AVE	02/04/11 9:56: AM	02/04/11 10:06 AM	1 GAL	Sewer Service Line	94939	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200082	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1200085 AND 1200132 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	10210 FALLING TREE WAY	02/04/11 12:30: PM	02/04/11 01:07 PM	1 GAL	Sewer Service Line	33526	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200168	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1200175 AND 1200495 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4828 SOUTHERN PKY	02/04/11 12:51: PM	02/04/11 01:35 PM	2 GAL	Sewer Service Line	054H00450000A	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1200429	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	5417 ROBINWOOD RD	02/05/11 9:50: AM	02/05/11 10:27 AM	1 GAL	Sewer Service Line	097501270000A	HEAVY ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200522	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1200542 - REPAIRED THE PROPERTY SEERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	601 ALGER AVE	02/05/11 12:03: PM	02/05/11 01:06 PM	3 GAL	Sewer Service Line	061G00010000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200515	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1200514, 1200544, AND 1200560 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1622 DIXDALE AVE	02/05/11 1:34: PM	02/05/11 03:26 PM	15 GAL	Sewer Service Line	041K00260000A	ROOTS AND GREASE IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1200511	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1200512, 1200578, AND 1200579 - ROOT CUT AND VACTORED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4901 BOWCESTER DR	02/06/11 8:00: PM	02/06/11 08:28 PM	1 GAL	Sewer Service Line	BE08754429	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1200593	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1200591 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3106 SHERBROOKE RD	02/07/11 9:30: AM	02/07/11 10:09 AM	1 GAL	Sewer Service Line	087P00500000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200671	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1200677 AND 1204553 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2008 OLD SHEPHERDSVILLE RD	02/07/11 10:45: AM	02/07/11 11:29 AM	1 GAL	Sewer Service Line	78088	ROOTS AT THE SHARED JOINT OF THE PROPERTY SEVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISREV RAIN EVENT DISCHARGE	1200743	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1201208 AND 1202116 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8606 WHIPPS BEND RD	02/07/11 11:30: AM	02/07/11 12:26 PM	1 GAL	Sewer Service Line	039000600000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON MSD	ROOTS	DISREV RAIN EVENT DISCHARGE	1200784	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1200787 AND 1201083 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	4509 YAGER LN	02/07/11 12:30: PM	02/07/11 02:20 PM	1 GAL	Sewer Service Line	AN55850029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1200826	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1200830 - ROOT CUT THE PROPERTY SERVICE LINE
JEFFERSONTOWN	KY0025194	2121 OLD HICKORY RD	02/07/11 8:11: PM	02/07/11 08:11 PM	1 GAL	Sewer Service Line	182703440000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1200926	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1200990 AND 1202243 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND LINE FROM CLEANOUT TO MAIN SEWER
DEREK R. GUTHRIE	KY0078956	6603 SUNNY VALE WAY	02/07/11 9:43: PM	02/07/11 09:45 PM	1 GAL	Sewer Service Line	124916603A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1200933	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1200935 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3719 GLENMEADE RD	02/08/11 10:45: AM	02/08/11 11:07 AM	1 GAL	Sewer Service Line	055700030000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1201084	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1201177 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3835 JUPITER RD	02/09/11 9:45: AM	02/09/11 10:48 AM	1 GAL	Sewer Service Line	091E02760000A	HEAVY ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1201738	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1201742, 1201747 AND 1201798 - REPAIRED, ROOT CUT AND LINE THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	11716 MONDAMON DR	02/09/11 5:00: PM	02/09/11 05:22 PM	1 GAL	Sewer Service Line	177227	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1201917	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1202097 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater	Associated Treatment	Overflow	Overflow Start	Overflow Stop	Volume of	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Treatment Plant Name	Plant KPDES #	Location	Date & Time	Date & Time	Overflow	Type							
	KY0022411	3205 SUDBURY LN	02/10/11 11:15: AM	02/10/11 12:13 PM	1 GAL	Sewer Service Line	100949	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1202123	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1202124 - ROOT CUT THE PROPERTY SERVICE LINE
HITE CREEK	KY0022420	11002 LUNENBURG CT	02/10/11 2:00: PM	02/10/11 02:29 PM	1 GAL	Sewer Service Line	161101630000A	ROOT OBSTRUCTION ON MSD'S PORTION OF SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1202200	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203486 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	526 EVERGREEN PLACE CT	02/10/11 2:45: PM (	02/10/11 04:11 PM	1 GAL	Sewer Service Line	AN63144039	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1202234	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1202236 - FLUSHED MAIN SEWER TO OPEN
MORRIS FORMAN	KY0022411	502 LANGHOLM PL	02/10/11 5:00: PM	02/10/11 05:28 PM	1 GAL	Sewer Service Line	186303300000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1202720	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1202971, 1203543 ADN 1203544 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3519 HUGHES RD	02/11/11 9:45: AM (	02/11/11 10:30 AM	1 GAL	Sewer Service Line	082N00230000A	ROOTS AND OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1202930	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1202932 - ROOT CUT THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6713 COPRA LN	02/11/11 11:00: AM (	02/11/11 11:21 AM	1 GAL	Sewer Service Line	PB17865019	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION.	ROOTS	DISDW DRY WEATHER DISCHARGE	1202991	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203092 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5319 ILEX AVE	02/11/11 11:30: AM (	02/11/11 12:08 PM	1 GAL	Sewer Service Line	178766	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203015	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1203018 AND 1224353 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9213 WOODHURST CT	02/11/11 1:15: PM (	02/11/11 02:01 PM	1 GAL	Sewer Service Line	198600210000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1203088	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203084 - ROOT CUT MAIN SEWER ON SIDE TO OPEN
HITE CREEK	KY0022420	4413 SUSSEX CT	02/11/11 5:00: PM (	02/11/11 05:33 PM	1 GAL	Sewer Service Line	162903310000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203151	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203150 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	831 SUTCLIFFE AVE	02/11/11 6:30: PM (	02/11/11 06:51 PM	1 GAL	Sewer Service Line	101382	STRUCTURAL DAMAGE ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND OBSTRUCTION ON PRIVATE PROPERTY	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1203158	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203382 AND 1217992 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAMOUT
DEREK R. GUTHRIE	KY0078956	9218 HI VIEW LN	02/12/11 3:28: PM (	02/12/11 03:54 PM	2 GAL	Sewer Service Line	104804140000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203206	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203188 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7814 BARBOUR MANOR DR	02/13/11 6:30: PM	02/13/11 06:59 PM	1 GAL	Sewer Service Line	160600440000A	ROOT OBSTRUCTION ON MSD'S PORTION OF SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1203273	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1203550 AND 1209127 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND LINE TO THE MAIN SEWER
MORRIS FORMAN	KY0022411	1916 NELSON AVE	02/14/11 12:15: PM (	02/14/11 01:12 PM	1 GAL	Sewer Service Line	74901	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203512	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1203508 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	815 PALATKA RD	02/14/11 1:15: PM (	02/14/11 02:03 PM	1 GAL	Sewer Service Line	80089	ROOTS AT THE SHARE JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203536	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1203542 AND 1204546 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3911 NAPANEE RD	02/14/11 2:30: PM (	02/14/11 02:55 PM	1 GAL	Sewer Service Line	74530	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203597	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1204556 AND 1206127 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4121 SHELBYVILLE RD	02/14/11 4:20: PM (	02/14/11 05:40 PM	2 GAL	Sewer Service Line	002002290000A	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1203700	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1219286 - FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	2019 LEAHURST CT	02/14/11 6:13: PM (	02/14/11 06:18 PM	2 GAL	Sewer Service Line	86642019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203704	MSD CONTRACTOR CLEANED THE IMPACTED AREA	WORK ORDER 1204543 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	288 RIDGEWAY AVE	02/14/11 10:27: PM	02/14/11 10:36 PM	2 GAL	Sewer Service Line	87948	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1203710	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1203963 AND 1206192 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3812 NAPANEE RD	02/15/11 10:00: AM	02/15/11 10:46 AM	1 GAL	Sewer Service Line	023200320000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1203902	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1204585 AND 1206245 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	10703 JUNE DR	02/15/11 12:45: PM (	02/15/11 01:11 PM	1 GAL	Sewer Service Line	AU14124089	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1204501	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1204726 AND 1208073 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Accesiated	Accesiet		T				T	T					
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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	6015 ORVILLE DR	02/15/11 2:00: PM	02/15/11 02:21 PM	1 GAL	Sewer Service Line	55656015	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1204526	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1204532 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3307 STRATFORD AVE	02/15/11 10:05: PM	02/15/11 10:19 PM	2 GAL	Sewer Service Line	054400630000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1204614	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK OREERS 1204717 AND 1208213 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2073 SHERWOOD AVE	02/16/11 12:30: PM	02/16/11 01:05 PM	1 GAL	Sewer Service Line	94773	ROOTS IN MSD'S PORTIONN OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1206068	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1206075, 1206091, 1124595 AND 1224981 - ROOTCUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2911 CHIMNEY ROCK LN	02/16/11 10:00: PM	02/16/11 10:20 PM	1 GAL	Sewer Service Line	191201290000A	BACK WASH FROM CLEANING THE SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1208253	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2913 CHIMNEY ROCK LN	02/16/11 10:00: PM	02/16/11 10:20 PM	1 GAL	Sewer Service Line	191201300000A	BACK WASH FROM CLEANING SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1208249	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	41 HALLSDALE DR	02/17/11 10:15: AM	02/17/11 10:38 AM	1 GAL	Sewer Service Line	050801300000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1207461	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1208176 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4602 OUTER LOOP	02/17/11 1:00: PM	02/17/11 01:29 PM	1 GAL	Sewer Service Line	064301530000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1208109	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1208125 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5917 SANTA ROSA DR	02/17/11 5:00: PM	02/17/11 05:29 PM	1 GAL	Sewer Service Line	167794	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1208279	CUSTOEMR CLEANED THE IMPACTED AREA	REEFERRED TO AREA SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	3703 CHATHAM RD	02/17/11 9:45: PM	02/17/11 10:00 PM	1 GAL	Sewer Service Line	091E02350000A	BACK WASH FROM FLUSHING SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1209083	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	3904 TALLY HO CT	02/18/11 9:30: AM	02/18/11 09:57 AM	1 GAL	Sewer Service Line	JT02082239	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1208646	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1208879 AND 1209138 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1716 BACHMANN DR	02/18/11 1:45: PM	02/18/11 02:10 PM	1 GAL	Sewer Service Line	S501716	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1208899	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209459 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4117 SIRATE LN	02/18/11 7:45: PM	02/18/11 08:03 PM	1 GAL	Sewer Service Line	175143	ROOTS AND GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209076	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209112 AND 1209479 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7704 TRILLIUM DR	02/19/11 1:30: AM	02/19/11 01:44 AM	1 GAL	Sewer Service Line	125077704	GREASE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1209088	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1209133 - FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	11124 STALWERT PL	02/19/11 11:05: AM	02/19/11 11:45 AM	2 GAL	Sewer Service Line	DD40004019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1209131	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209162 AND 1209508 - ROOT CUT AND FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	8005 BRUSH LN	02/19/11 12:10: PM	02/19/11 12:22 PM	1 GAL	Sewer Service Line	177074	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1209129	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209176 AND 1209612 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	909 ELLISON AVE	02/19/11 7:45: PM	02/26/11 08:00 PM	1 GAL	Sewer Service Line	32059	ROOTS ON MSD PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1214257	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO AREA SUPERVISOR TO MAKE NEEDED REPAIRS
DEREK R. GUTHRIE	KY0078956	3909 BAYMEADOW DR	02/20/11 1:00: PM	02/20/11 02:05 PM	1 GAL	Sewer Service Line	DE24330019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1209339	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1209673 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	6906 BIRNAMWOOD DR	02/20/11 1:00: PM	02/20/11 02:05 PM	1 GAL	Sewer Service Line	DE24338049	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1209340	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1209673 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	703 IROQUOIS AVE	02/20/11 3:35: PM	02/20/11 04:10 PM	5 GAL	Sewer Service Line	061C00360000A	ROOTS ON MSD'S PORTION OF SERVICE CONNECTION	NROOTS	DISDW DRY WEATHER DISCHARGE	1209333	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	1027 THRUSTON AVE	02/21/11 5:50: PM	02/21/11 06:11 PM	2 GAL	Sewer Service Line	105720	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209701	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS

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Associated Wastewater	Associated Treatment	Overflow	Overflow Start	Overflow Stop	Volume of	Source		_					
Treatment Plant Name	Plant KPDES #	Location	Date & Time	Date & Time	Overflow	Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	4009 ADDISON LN	02/22/11 12:45: PM	02/22/11 01:53 PM	1 GAL	Sewer Service Line	2749	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209970	MSD CONTRACTOR CLEANED THE IMPACTED AREA	WORK ORDERS 1209963 AND 1210557 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3643 WINDWARD WAY	02/22/11 5:06: PM	02/22/11 05:16 PM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210151	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210553 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9709 GALENE DR	02/22/11 5:39: PM	02/22/11 05:54 PM	3 GAL	Sewer Service Line	JT00499219	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210129	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1210125 AND 1210563 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3017 KLONWAY DR	02/22/11 7:15: PM	02/22/11 07:49 PM	2 GAL	Sewer Service Line	54096	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210155	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210157 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	1514 ANDERSON ST	02/23/11 9:00: AM	02/23/11 09:54 AM	1 GAL	Sewer Service Line		LINE BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1210394	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210427 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2843 CLEVELAND BLVD	02/23/11 9:00: AM	02/23/11 09:42 AM	1 GAL	Sewer Service Line	21612	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210385	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1210802 AND 1214041 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1036 MINOR LN	02/23/11 1:50: PM	02/23/11 02:10 PM	1 GAL	Sewer Service Line	133345	ROOT AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210551	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210788 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4126 SHELBYVILLE RD	02/23/11 3:15: PM	02/23/11 04:09 PM	1 GAL	Sewer Service Line		OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1210622	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210624 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2507 ELLIOTT AVE	02/23/11 9:00: PM	02/23/11 09:22 PM	1 GAL	Sewer Service Line	29070	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210670	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1210775 AND 1212447 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5912 PAUL REVERE CT	02/23/11 9:30: PM	02/23/11 10:08 PM	1 GAL	Sewer Service Line		ROOT AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210674	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	4303 BUXTON DR	02/25/11 12:30: AM	02/25/11 02:45 AM	100 GAL	Sewer Service Line	091C00240000A	ROOTS IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1211587	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1211592 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	4631 S 1ST ST	02/25/11 3:00: AM	02/25/11 03:25 AM	1 GAL	Sewer Service Line	058E00030000A	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1211611	CUSTOMER CLEANED THE IMPACTED AREA	CUSTOMER SIGNED A STOP UP WAIVER
MORRIS FORMAN	KY0022411	4303 BUXTON DR	02/25/11 4:00: AM	02/25/11 05:02 AM	2 GAL	Sewer Service Line	091C00240000A	ROOTS IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1211616	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1211617 - ROOT CUT MAIN SEWER TO OPEN
DEREK R. GUTHRIE	KY0078956	3204 JACKS LN	02/25/11 4:12: AM	02/25/11 04:13 AM	1 GAL	Sewer Service Line	108501620000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1211613	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3017 MID DALE LN	02/25/11 5:00: AM	02/25/11 05:40 AM	1 GAL	Sewer Service Line	091B00090000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1211621	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER OF SEWER BEING SURCHARGED
DEREK R. GUTHRIE	KY0078956	2121 ELVIRA CT	02/25/11 7:28: AM	02/25/11 07:30 AM	1 GAL	Sewer Service Line	44004	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1211642	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL MSD BACK IF HAVING PROBLEMS AFTER SEWERS STOP SURCHARGING
MORRIS FORMAN	KY0022411	1550 TWIN DR	02/25/11 7:41: AM	02/25/11 07:42 AM	1 GAL	Sewer Service Line	34091550B	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1211657	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL MSD BACK IF STILL HAVING A BACKUP
MORRIS FORMAN	KY0022411	1714 LONEY LN	02/25/11 7:54: AM	02/25/11 07:55 AM	1 GAL	Sewer Service Line	62282	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISREV RAIN EVENT DISCHARGE	1211671	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213996 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	28 NARWOOD DR	02/25/11 11:15: AM	02/25/11 01:00 PM	1 GAL	Sewer Service Line	003802270000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1213824	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1213831 - ROOTCUT AND OPEN THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4110 TIMOTHY LN	02/25/11 11:31: AM	02/25/11 03:42 PM	18 GAL	Sewer Service Line	104826	ROOTS ON MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214060	THE CUSTOMER HAD A CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213819 - ROOT CUT THE MAIN SEWER

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Associated	Associated							T					
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	2120 GARRS LN	02/25/11 11:31: AM	02/25/11 03:12 PM	20 GAL	Sewer Service Line	168781	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214066	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213819 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	1114 LAVISTA WAY	02/25/11 3:50: PM	02/25/11 05:11 PM	2 GAL	Sewer Service Line	064101760000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1214099	CUSTOMER CLEANED THE IMPACTED AREA	REFER TO SUPERVISOR TO MAKE REPAIRS AS NEEDED
MORRIS FORMAN	KY0022411	6806 MANSLICK RD	02/25/11 4:20: PM	02/25/11 05:52 PM	1 GAL	Sewer Service Line	102800670000A	HEAVY RAIN MAY HAVE CAUSED EXCAVTION TO CAVE IN	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1214067	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1196584 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2121 ELVIRA CT	02/25/11 4:55: PM	02/25/11 05:15 PM	45 GAL	Sewer Service Line	44004	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214070	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213819 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	2117 ELVIRA CT	02/25/11 5:27: PM	02/25/11 05:31 PM	45 GAL	Sewer Service Line	010100310000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214074	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213819 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	1030 W MARKET ST	02/25/11 6:00: PM	02/25/11 06:33 PM	1 GAL	Sewer Service Line	67737	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1214036	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1214032 - FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	7610 COVE DR	02/25/11 7:20: PM	02/25/11 08:21 PM	2 GAL	Sewer Service Line	BW04534029	OBSTRUCTION IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1214105	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1214107 - ROOT CUT THE MAIN SEWER AND OPENED LINE
DEREK R. GUTHRIE	KY0078956	7719 CRESTLINE RD	02/25/11 7:42: PM	02/25/11 07:45 PM	1 GAL	Sewer Service Line	26595	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1214076	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1214139 AND 1216628 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	929 SOUTHVIEW RD	02/26/11 9:10: AM	02/26/11 09:45 AM	25 GAL	Sewer Service Line	067J00940000A	HEAVY ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214242	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1214356 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3028 ROSEDALE BLVD	02/26/11 11:24: AM	02/26/11 11:46 AM	1 GAL	Sewer Service Line	081M01300000A	HEAVY ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1214238	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1214239 AND 1214322 - ROOT CUT AND FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4703 SEVILLE DR	02/26/11 4:35: PM	02/26/11 04:42 PM	2 GAL	Sewer Service Line	93373	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1214203	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1214200 AND 1233628 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6103 ATHENS DR	02/26/11 6:00: PM	02/26/11 06:32 PM	1 GAL	Sewer Service Line	PA08074019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1214219	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE REPAIRS AS NEEDED
JEFFERSONTOWN	KY0025194	9603 DOLPHIN CT	02/26/11 8:30: PM	02/26/11 09:25 PM	1 GAL	Sewer Service Line	JT00874019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1214250	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1214319, 1214320 ADN 121431 - FLUSHED AND VACTORED MAIN SEWER AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	1817 TYLER LN	02/27/11 5:00: PM	02/27/11 06:34 PM	1 GAL	Sewer Service Line	105255	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1214361	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1215234, 1216580 AND 1217056 - FLUSHED, ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1001 BROOKLINE AVE	02/28/11 11:00: AM	02/28/11 11:58 AM	2 GAL	Sewer Service Line	15676D	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1215232	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1215238 - ROOT CUT LINE AND OPENED
DEREK R. GUTHRIE	KY0078956	7011 SHEPHERDSVILLE RD	02/28/11 3:15: PM	02/28/11 03:45 PM	1 GAL	Sewer Service Line	T817011	LACK OF SYTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1215491	CUSTOMER CLEANED IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	7018 NATHAN HALE WAY	02/28/11 6:16: PM	02/28/11 06:24 PM	1 GAL	Sewer Service Line	DD70645019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1215629	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	127 SOUTHVIEW TER	02/28/11 6:45: PM	02/28/11 07:11 PM	1 GAL	Sewer Service Line	Y13723029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1215569	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1216460 AND 1218221 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3016 MID DALE LN	02/28/11 9:27: PM	02/28/11 09:41 PM	2 GAL	Sewer Service Line	091B00250000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1215630	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
JEFFERSONTOWN	KY0025194	9519 GARDEN DR	02/28/11 10:00: PM	02/28/11 10:04 PM	1 GAL	Sewer Service Line	JT00830629	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1215600	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE IMMEDIATE REPAIRS

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3017 MID DALE LN	02/28/11 10:30: PM	02/28/11 10:59 PM	1 GAL	Sewer Service Line	091B00090000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1215615	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1530 ALGONQUIN PKY	03/01/11 10:30: AM	03/01/11 11:14 AM	1 GAL	Sewer Service Line	149613	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1216344	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1216368 - REPAIRED THE PROPERTY SERVICE CONNECITON AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4108 SANFORD AVE	03/01/11 11:00: AM	03/01/11 11:36 AM	1 GAL	Sewer Service Line	91981	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1216384	CUSTOMER CLEANED THE IMPACTED AREA	WORK ODERS 1216391 AND 1217163 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3708 NAPANEE RD	03/01/11 12:00: PM	03/01/11 02:20 PM	5 GAL	Sewer Service Line	023200230000A	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1216427	MSD CLEANING CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1216428, 1216429 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3103 REDBUD LN	03/01/11 4:30: PM	03/01/11 05:02 PM	1 GAL	Sewer Service Line	164708	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1216655	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1216896 AND 1218648 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1523 MAPLE ST	03/01/11 6:15: PM	03/01/11 06:45 PM	1 GAL	Sewer Service Line	67162	LOUISVILLE WATER COMPANY BORED THROUGH THI MSD'S PROPERTY SERVICE LINE	UTILITY DAMAGED MS ASSET	DISDW DRY WEATHER DISCHARGE	1216695	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1216699 AND 1224705 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	212 HEADY AVE	03/01/11 8:34: PM	03/01/11 08:34 PM	1 GAL	Sewer Service Line	032500840000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1216723	CUSTOMER CLEANED IMPACTED AREA	WORK ORDER 1217169 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4304 MICHAEL WAY	03/02/11 2:30: PM	03/02/11 03:00 PM	1 GAL	Sewer Service Line	056300360000A	ROOTS ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1217235	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	2305 WOODLAND AVE	03/02/11 8:00: PM	03/02/11 08:18 PM	1 GAL	Sewer Service Line	113862	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE SIDE	ROOTS	DISDW DRY WEATHER DISCHARGE	1217365	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1217364 AND 1217993 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5506 ROSARY CT	03/02/11 9:00: PM	03/02/11 09:29 PM	5 GAL	Sewer Service Line	90082	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217368	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1217471 - ROOT CUT THE PROPERTY SERVICE LINE
HITE CREEK	KY0022420	12021 ANCIENT SPRING DR	03/03/11 10:00: AM	03/03/11 10:15 AM	1 GAL	Sewer Service Line	171803060000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217511	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1217758 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	3804 RIVEROAKS LN	03/03/11 10:30: AM	03/03/11 10:45 AM	1 GAL	Sewer Service Line	88581	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217555	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1217867 AND 1220694 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	826 ASH ST	03/03/11 12:30: PM	03/03/11 01:16 PM	1 GAL	Sewer Service Line	1074	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217855	CUSTOMER WAS CLEANING THE IMPACTED AREA ON SITE	WORK ORDER 1217859 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4217 ESTATE DR	03/03/11 6:00: PM	03/03/11 06:34 PM	1 GAL	Sewer Service Line	090D00310000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218064	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218288 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	100 SOUTHVIEW TER	03/03/11 6:30: PM	03/03/11 07:07 PM	1 GAL	Sewer Service Line	96907	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218072	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218071 AND 1218536 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3800 ORMOND RD	03/04/11 10:00: AM	03/04/11 10:59 AM	1 GAL	Sewer Service Line	78846	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218270	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDERS 1218732 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3603 ARGYLE LN	03/04/11 12:00: PM	03/04/11 12:23 PM	1 GAL	Sewer Service Line	081M01100000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218326	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218336 AND 1218738 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	6809 ITWORTH CT	03/04/11 2:15: PM	03/04/11 05:08 PM	1 GAL	Sewer Service Line	163400360000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218530	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218530 - ROOT CUT THE PROPERTY SERVICE LINE
CHENOWETH HILLS	KY0029459	10514 ST ROCHE DR	03/04/11 6:15: PM	03/04/11 06:38 PM	1 GAL	Sewer Service Line	BE07786479	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218651	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218722 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5206 ROSETTE BLVD	03/05/11 9:56: AM	03/05/11 10:20 AM	2 GAL	Sewer Service Line	099303890000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218765	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218766 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2114 GARLAND AVE	03/05/11 12:13: PM	03/05/11 12:20 PM	8 GAL	Sewer Service Line	41795	LG&E POLE BORED THROUGH MSD'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MS ASSET	D DISDW DRY WEATHER DISCHARGE	1218760	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218839, 1220721 AND 1222538 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4701 LONGBOROUGH CT	03/05/11 12:53: PM	03/05/11 01:06 PM	2 GAL	Sewer Service Line	BE08824299	ROOTS IN MSD'S PORTIONN OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218753	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218864 AND 1219006 - ROOT CUT AND REPAIRED THE CLEANOUT
MORRIS FORMAN	KY0022411	9206 AXMINSTER DR	03/05/11 8:45: PM	03/05/11 09:06 PM	1 GAL	Sewer Service Line	183400030000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218814	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218840 AND 1218851 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5203 ROSETTE BLVD	03/06/11 9:25: AM	03/06/11 09:43 AM	1 GAL	Sewer Service Line	099303680000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218858	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1219260 AND 1222536 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	6601 BROADHALE DR	03/06/11 11:31: AM	03/06/11 12:46 PM	1 GAL	Sewer Service Line	BW06643029	GREASE IN THE 4" FORCE MAIN	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1218853	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218852 - FLUSHED THE GREASE FROM THE SEWER IN THE RESIDENTIAL AREA
MORRIS FORMAN	KY0022411	1017 KING ARTHUR LN	03/06/11 6:30: PM (	03/06/11 07:10 PM	1 GAL	Sewer Service Line	177512	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1218886	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218884 - FLUSHED THE MAIN SEWER AND REMOVED ROOTS
MORRIS FORMAN	KY0022411	4031 CRAWFORD AVE	03/07/11 9:45: AM (	03/07/11 10:04 AM	1 GAL	Sewer Service Line	049900230000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1219032	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1219626 AND 1222555 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2811 TYSON PL	03/07/11 10:00: AM	03/07/11 10:34 AM	1 GAL	Sewer Service Line	091E01130000A	MSD PERSONNEL CLEANING THE MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1219072	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	7019 CHIPPENHAM RD	03/07/11 10:15: AM (	03/07/11 10:40 AM	1 GAL	Sewer Service Line	168101500000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1219081	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1219796 AND 1219873 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1110 ROSTREVOR CIR	03/07/11 3:30: PM (	03/07/11 04:00 PM	1 GAL	Sewer Service Line	90095	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ALSO ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1219314	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1219589 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3811 MAMARONECK RD	03/07/11 4:58: PM	03/07/11 05:05 PM	2 GAL	Sewer Service Line	091E00470000A	MSD PERSONNEL PERFORMING PREVENTIVE MAINTENANCE ON SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1219360	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2302 DUMESNIL ST	03/07/11 7:14: PM	03/07/11 07:28 PM	2 GAL	Sewer Service Line	28364	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1219345	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1219342 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8925 OLD SOUTH PARK RD	03/09/11 8:30: AM	03/09/11 09:09 AM	1 GAL	Sewer Service Line	PC07258029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220245	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2268 BRADFORD DR	03/09/11 9:30: AM	03/09/11 10:25 AM	20 GAL	Sewer Service Line	13346	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1220306	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1220307 - ROOT CUT THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	3204 PENHURST DR	03/09/11 10:15: AM	03/09/11 10:45 AM	1 GAL	Sewer Service Line	RR14017029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220384	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3816 GREENWICH RD	03/09/11 10:30: AM	03/09/11 11:00 AM	1 GAL	Sewer Service Line	32426	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220387	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO WAIT UNTIL WEATHER STOPS
MORRIS FORMAN	KY0022411	3311 GOLDSMITH LN	03/09/11 12:05: PM	03/09/11 12:57 PM	1 GAL	Sewer Service Line	131915D	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220496	CUSTOMER ADVISED THAT THEY WILL CLEAN THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3111 OSPREY RD	03/09/11 12:15: PM (	03/09/11 12:45 PM	1 GAL	Sewer Service Line	084D00880000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1220497	CUSTOMER CLEANED THE IMPACTED	WORK ORDER 1220650 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1318 TILE FACTORY LN	03/09/11 1:00: PM	03/10/11 12:15 AM	2 GAL	Sewer Service Line	080500260000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1220843	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1222515 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4715 ANDALUSIA LN	03/09/11 1:30: PM	03/09/11 02:12 PM	1 GAL	Sewer Service Line	120301280000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1220832	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1220697 AND 1222399 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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	Cause of Overflow	Due To	Weather	WO # Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	29 HALLSDALE DR	03/09/11 1:30: PM	03/09/11 11:28 PM	1 GAL	Sewer Service Line	37321	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	N 1220533 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1220536 - ROOT CUT MAIN SEWER AND OPENED
MORRIS FORMAN	KY0022411	533 HARRIS PL	03/09/11 2:10: PM	03/09/11 02:30 PM	1 GAL	Sewer Service Line	48248	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220605 CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED
JEFFERSONTOWN	KY0025194	11300 DECIMAL DR	03/09/11 2:30: PM	03/09/11 11:52 PM	1 GAL	Sewer Service Line	JT14501019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1220631 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1220632 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	205 S SHERRIN AVE	03/09/11 2:30: PM	03/09/11 03:03 PM	1 GAL	Sewer Service Line	134156	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220630 CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	27 HALLSDALE DR	03/09/11 2:45: PM	03/09/11 03:14 PM	1 GAL	Sewer Service Line	050801140000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	N 1220644 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1220536 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	5106 REGENT WAY	03/09/11 4:00: PM	03/09/11 04:12 PM	2 GAL	Sewer Service Line	089704440000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1220851 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1222383 AND 1222936 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3815 TUESDAY WAY	03/09/11 5:30: PM	03/09/11 06:24 PM	1 GAL	Sewer Service Line	PC06272059	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1220735 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 122440 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2824 DELL BROOKE AVE	03/09/11 5:35: PM	03/09/11 05:35 PM	200 GAL	Sewer Service Line	082Z01190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220715 ADVISED CUSTOMER THEY'RE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	1716 SANDERS LN	03/09/11 5:50: PM	03/09/11 06:03 PM	1 GAL	Sewer Service Line	102102430000A	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	N 1220837 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1222402 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5715 MORRISON AVE	03/09/11 6:20: PM	03/09/11 07:31 PM	30 GAL	Sewer Service Line	061A00630000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1220818 MSD CONTRACTOR WILL CLEAN AND SANITIZE THE IMPACTED AREA	WORK ORDER 1220816 - REMOVED ROOTS FROM THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	7900 RIDGE PARK CT	03/09/11 6:45: PM	03/09/11 07:33 PM	20 GAL	Sewer Service Line	275102220000A	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	N 1220759 MSD CONTRACTOR CLEANED THE IMPACTED AREA	WORK ORDER 1220766 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5212 RED FERN RD	03/09/11 9:55: PM	03/09/11 10:20 PM	1 GAL	Sewer Service Line	86870	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1220842 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1222404 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3945 KENNISON AVE	03/09/11 11:00: PM	03/09/11 11:30 PM	1 GAL	Sewer Service Line	143208	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220839 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO LET SYSTEM CATCH UP
MORRIS FORMAN	KY0022411	4007 SPRINGHILL RD	03/10/11 12:02: AM	03/10/11 12:11 AM	1 GAL	Sewer Service Line	080600670000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220844 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO ALLOW SYSTEM TO CATCH UP
MORRIS FORMAN	KY0022411	2812 POMEROY DR	03/10/11 12:02: AM	03/10/11 12:16 AM	1 GAL	Sewer Service Line	091A01710000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220847 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO LET SYSTEM CATCH UP
MORRIS FORMAN	KY0022411	117 BONNER AVE	03/10/11 12:02: AM	03/10/11 12:07 AM	1 GAL	Sewer Service Line	8299	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220841 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO LET SYSTEM CATCH UP
MORRIS FORMAN	KY0022411	3046 RADIANCE RD	03/10/11 12:02: AM	03/10/11 12:22 AM	1 GAL	Sewer Service Line	85891	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	N 1220849 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER THAT MSD IS PUMPING IN AREA
MORRIS FORMAN	KY0022411	3047 NADINA DR	03/10/11 10:15: AM	03/10/11 10:51 AM	1 GAL	Sewer Service Line	081G01050000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1222250 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223645 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5407 CEDARWOOD DR	03/10/11 10:45: AM	03/10/11 11:29 AM	1 GAL	Sewer Service Line	178100	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1222295 ADVISED CUSTOMER THEY'RE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDER 1222303 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION AND ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	533 HARRIS PL	03/10/11 12:30: PM	03/10/11 01:11 PM	1 GAL	Sewer Service Line	48248	ROOTS AND PLUMBERS SNAKE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	N 1222382 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1222386 AND 1222388 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	307 MAC BRAE RD	03/10/11 7:15: PM	03/10/11 07:46 PM	1 GAL	Sewer Service Line	059E00880000A	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1222607	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1222885 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8201 CAMBERLEY DR	03/11/11 10:00: AM	03/11/11 10:29 AM	1 GAL	Sewer Service Line	173153	HEAVY ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1222850	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223583 AND 1223787 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	117 N BIRCHWOOD AVE	03/11/11 2:00: PM	03/11/11 02:17 PM	1 GAL	Sewer Service Line	11172	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223617	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO A SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	120 BONNIE LN	03/11/11 2:40: PM	03/11/11 03:00 PM	1 GAL	Sewer Service Line	054200880000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1223696	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223753 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1938 BUECHEL BANK RD	03/11/11 3:00: PM	03/11/11 03:20 PM	1 GAL	Sewer Service Line	12501	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223693	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223692 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	216 BONNER AVE	03/11/11 3:20: PM	03/11/11 04:20 PM	1 GAL	Sewer Service Line	8205	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223681	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1223683 AND 1223689 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1006 GUENEVERE CT	03/11/11 8:30: PM	03/11/11 09:21 PM	1 GAL	Sewer Service Line	177937	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223728	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1223725 AND 1225799 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	2306 ALICE KAY DR	03/12/11 2:12: PM	03/12/11 02:32 PM	2 GAL	Sewer Service Line	149200270000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1223798	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1223919 AND 1224545 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3620 JOHNSTON WAY	03/12/11 2:47: PM	03/12/11 02:49 PM	2 GAL	Sewer Service Line	52867	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223795	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223863 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	13620 TENNIS BLVD	03/12/11 9:00: PM	03/12/11 09:41 PM	1 GAL	Sewer Service Line	DD70380019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1223819	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	8706 ASTRID AVE	03/12/11 10:00: PM	03/12/11 10:22 PM	1 GAL	Sewer Service Line	273100070000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERT'S SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1223821	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1223865 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1111 AUDUBON PKY	03/13/11 12:34: PM	03/13/11 01:01 PM	2 GAL	Sewer Service Line	14545	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1223926	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1224200 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3806 GREENWICH WAY	03/14/11 12:15: AM	03/14/11 12:39 AM	1 GAL	Sewer Service Line	091E00870000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1224079	CUSTOMER CLEANED THE IMPACTED AREA	CUSTOMER'S PLUMBER CUT ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	2718 PIONEER RD	03/14/11 10:15: AM	03/14/11 10:35 AM	1 GAL	Sewer Service Line	108500770000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1224325	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1225280 AND 1225805 - ROOT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5618 JEANINE DR	03/14/11 11:45: AM	03/14/11 12:39 PM	1 GAL	Sewer Service Line	180818	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1224512	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1224519 AND 1225189 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1102 SIR LANCELOT LN	03/14/11 2:15: PM	03/14/11 02:33 PM	1 GAL	Sewer Service Line	177643	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1224586	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1224989 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4028 SPRINGHILL RD	03/14/11 5:05: PM	03/14/11 05:12 PM	4 GAL	Sewer Service Line	168287	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1224776	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1227217 AND 1229240 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	3204 PENHURST DR	03/14/11 7:13: PM	03/14/11 07:42 PM	1 GAL	Sewer Service Line	RR14017029	ROOTS IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1224779	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1224782, 1224783K,K 1225473 AND 1225595 - FLUSHED AND ROOT CUT MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4320 HANEY WAY	03/14/11 8:08: PM	03/14/11 08:22 PM	1 GAL	Sewer Service Line	DD40729019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1224770	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1225083 AND 1225745 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4509 LOUANE WAY	03/14/11 9:23: PM	03/14/11 09:35 PM	1 GAL	Sewer Service Line	62105	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1224762	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1224765 AND 1237068 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater	Associated Treatment	Overflow	Overflow Start	Overflow Stop	Volume of	Source	Saurea Accet ID	Cause of Overflow	Due To	Weether	WO#	Cleanup Effects by MCD	Donais Efforts by MCD
Treatment Plant	Plant KPDES #	Location	Date & Time	Date & Time	Overflow	Asset Type	Source Asset ID	Cause of Overriow	Due 10	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Name MORRIS FORMAN	KY0022411	224 WOODBINE ST	03/15/11 9:00: AM	03/15/11 10:00 AM	1 GAL	Sewer Service Line	113745	ROOTS AT THE SHARED JOINT OF THE MSD'S PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1225974	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1224963 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MCNEELY LAKE	KY0029416	10012 MCNEELY LAKE DR	03/15/11 10:15: AM	03/15/11 10:52 AM	1 GAL	Sewer Service Line	PD20861319	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1225036	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1225211 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2917 LEXHAM RD	03/15/11 12:30: PM	03/15/11 01:03 PM	1 GAL	Sewer Service Line	191200740000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1225158	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1225471 - RERPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5413 CAROL WAY	03/15/11 1:30: PM	03/15/11 02:07 PM	1 GAL	Sewer Service Line	17870	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1225213	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1225218 - RERPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2055 DOUGLASS BLVD	03/15/11 6:53: PM	03/15/11 07:20 PM	5 GAL	Sewer Service Line	43526	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1225317	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1225514, 1237117 AND 1237168 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	418 LYNDON LN	03/16/11 1:15: PM	03/16/11 01:38 PM	1 GAL	Sewer Service Line	62950	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1225673	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1226029 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1531 W MAIN ST	03/16/11 2:40: PM	03/16/11 03:05 PM	1 GAL	Sewer Service Line	65612	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1225938	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1229197 AND 1229609 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	406 ECHAPPE LN	03/16/11 6:30: PM	03/16/11 06:45 PM	1 GAL	Sewer Service Line	AU11254059	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1225837	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1226023 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10409 TAYLORSVILLE RD	03/17/11 9:30: AM	03/17/11 10:19 AM	1 GAL	Sewer Service Line	049505000000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1226019	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1229381, 1229613 AND 1229808 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2301 FARNSLEY RD	03/17/11 2:15: PM	03/17/11 02:45 PM	1 GAL	Sewer Service Line	34013	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE SIDE	ROOTS	DISDW DRY WEATHER DISCHARGE	1227086	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1228059 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND AS COURTESY REMOVED ROOTS FROM PRIVATE SIDE
MORRIS FORMAN	KY0022411	640 LYNN ST	03/17/11 4:00: PM	03/17/11 04:25 PM	1 GAL	Sewer Service Line	63324	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1227198	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1229330 - REPAIRED THE PROPERTY SERVIVE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9109 THELMA LN	03/17/11 7:00: PM	03/17/11 07:35 PM	1 GAL	Sewer Service Line	193100890000A	MSD'S PORTION OF THE LINE HAS BROKEN PIPE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1227121	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1229475 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8007 AFTERGLOW DR	03/17/11 8:30: PM	03/17/11 09:03 PM	1 GAL	Sewer Service Line	WW10380019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1227140	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1229083 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2126 W HILL ST	03/17/11 9:30: PM	03/17/11 10:17 PM	1 GAL	Sewer Service Line	50400	ROOTS ON PRIVATE PROPERTY AND ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1227144	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1229592 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	5300 CEDRUS CIR	03/18/11 10:30: AM	03/18/11 10:55 AM	1 GAL	Sewer Service Line	45630	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1229085	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1229308 AND 1230067 - ROOT CUT AND REPAIRED THE PROPERTY AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3634 ROBIN DR	03/18/11 8:00: PM	03/18/11 08:26 PM	1 GAL	Sewer Service Line	116100900000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1229573	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1231672 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	1385 WILLOW DR	03/19/11 10:30: PM	03/19/11 11:05 PM	1 GAL	Sewer Service Line	110996D	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1229663	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1229662 AND 1229665 - ROOT CUT THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	9201 JEFFERSON AVE	03/20/11 12:41: PM	03/20/11 01:11 PM	1 GAL	Sewer Service Line	123399203	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1229695	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1229816 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3921 MANNER DALE DR	03/21/11 12:15: PM	03/21/11 12:44 PM	1 GAL	Sewer Service Line	66689	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1230054	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1230790 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3900 FARMVIEW AVE	03/21/11 12:45: PM	03/21/11 01:48 PM	1 GAL	Sewer Service Line	078600650000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1230148	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1230820 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2404 BARDSTOWN RD	03/21/11 5:36: PM	03/21/11 07:46 PM	1 GAL	Sewer Service Line	11947	MAIN SEWER COLLASPSED	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1230423	CUSTOMER CLEANED THE IMPACTED AREA	MSD CONTRACTOR REPAIRED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4009 IRON HORSE WAY	03/22/11 11:30: AM	03/22/11 12:10 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1230753	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1231063 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	523 HARRIS PL	03/22/11 5:38: PM	03/22/11 05:39 PM	1 GAL	Sewer Service Line	48235	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1230935	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231141 AND 1231669 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5304 CRANTREE PL	03/22/11 6:10: PM	03/22/11 06:11 PM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1230943	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231109 AND 1231365 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1038 SOUTHACRES DR	03/23/11 10:30: AM	03/23/11 10:56 AM	1 GAL	Sewer Service Line	1118012	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1231089	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231101, 1231578 AND 1231656 - ROOT CUT REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	622 EDITH RD	03/23/11 12:15: PM	03/23/11 01:18 PM	1 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1231144	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231147 AND 1231188 - ROOT CUT MAIN SEWER; ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3433 WARNER AVE	03/23/11 2:40: PM	03/23/11 02:58 PM	1 GAL	Sewer Service Line	107860	LARGE ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1231255	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231469 AND 1232388 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1545 SYLVAN WAY	03/24/11 12:45: PM	03/24/11 02:49 PM	1 GAL	Sewer Service Line	75531	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1231652	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1231655 ADN 1233076 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	3718 PINECROFT DR	03/25/11 11:45: AM	03/25/11 12:00 PM	1 GAL	Sewer Service Line	PC06191019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1231880	CUSTOMER CLEANED THE IMPACED AREA	WORK ORDER 1232940 - REPAIRED MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION
DEREK R. GUTHRIE	KY0078956	3 BAYSIDE CT	03/26/11 11:40: AM	03/26/11 11:50 AM	1 GAL	Sewer Service Line		ROOT'S BLOCKAGE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1232475	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1232495 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6409 SIX MILE LN	03/28/11 11:00: AM	03/28/11 11:56 AM	1 GAL	Sewer Service Line	95433D	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1232988	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1232985 - FLUSHED AND OPEN LINE
MORRIS FORMAN	KY0022411	231 NORBOURNE BLVD	03/28/11 1:30: PM	03/28/11 02:24 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1233098	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1233148, 1238469 AND 1240449 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3306 MOULTON LN	03/28/11 5:04: PM	03/28/11 05:08 PM	1 GAL	Sewer Service Line	087E01210000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1233256	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE REPAIRS
DEREK R. GUTHRIE	KY0078956	5007 RONWOOD DR	03/28/11 5:26: PM	03/28/11 05:38 PM	1 GAL	Sewer Service Line	089000910000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1233261	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1233658 AND 1238335 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9602 THOR AVE	03/28/11 5:57: PM	03/28/11 06:01 PM	1 GAL	Sewer Service Line	PD01140019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1238365	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 123553 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2937 RIO RITA AVE	03/29/11 10:45: AM	03/29/11 11:27 AM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1233523	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1233529 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9105 WALTER AVE	03/29/11 1:45: PM	03/29/11 02:35 PM	1 GAL	Sewer Service Line	PD27376049	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1233674	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1233680, 1235965 AND 1236019 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7128 RIDGE CREEK RD	03/29/11 2:45: PM	03/29/11 03:23 PM	1 GAL	Sewer Service Line	BW02857549	OBSTRCUTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1234007	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1234064 - ROOTCUT AND OPEN THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	4618 FREL RD	03/29/11 6:31: PM	03/29/11 06:38 PM	1 GAL	Sewer Service Line	DC49110019	ROOTS OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1234115	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1234244 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2171 BARINGER AVE	03/31/11 12:00: PM	03/31/11 12:35 PM	1 GAL	Sewer Service Line	3746	PIPE COLLAPSED ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1237103	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238010 - REPAIRD THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	211 CHOCTAW RD	03/31/11 8:00: PM	03/31/11 08:30 PM	1 GAL	Sewer Service Line	19312	ROOT AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1237292	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238287 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	917 ROSEMARY DR	04/01/11 11:49: AM	04/01/11 12:05 PM	3 GAL	Sewer Service Line	084F00400000A	MASSIVE ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1238233	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238465 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3502 DECATUR CT	04/01/11 1:00: PM	04/01/11 01:58 PM	1 GAL	Sewer Service Line	087G01290000A	PRIVATE PROPERTY ISSUE AND ROOTS IN THE MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1238280	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238285 AND 1238470 - ROOT CUT THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	13412 HORNCASTLE WAY	04/01/11 5:00: PM	04/01/11 05:41 PM	1 GAL	Sewer Service Line	DD71258019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1238459	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238418 - FLUSHED THE PROPERTY SERVICE LINE AND OPENED
MORRIS FORMAN	KY0022411	307 BROMWICK CT	04/03/11 2:05: PM	05/03/11 02:05 PM	1 GAL	Sewer Service Line	189005370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269683	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8506 THOMPSON LN	04/03/11 10:00: PM	04/03/11 11:39 PM	1 GAL	Sewer Service Line	125598506	DAMAGED PIPE ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1238545	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238549 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3703 GRANDVIEW AVE	04/04/11 8:30: AM	04/04/11 09:30 AM	1 GAL	Sewer Service Line	041700190000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1238732	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238740 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	310 SHAWNEE DR	04/04/11 9:00: AM	04/04/11 09:55 AM	1 GAL	Sewer Service Line	93463	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1238794	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN THE IMPACTED AREA	WORK ORDERS 1238986 AND 1240005 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1806 S 24TH ST	04/04/11 10:15: AM	04/04/11 10:46 AM	1 GAL	Sewer Service Line	040C00800000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON CUSTOMER'S SIDE	ROOTS	DISDW DRY WEATHER DISCHARGE	1239330	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1239753 AND 1240447 - WORK ORDERS 1238986 AND 1240005 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	244 FAIRFAX AVE	04/04/11 12:15: PM	04/04/11 01:03 PM	1 GAL	Sewer Service Line	052000030000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1239422	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1239428 AND 1240007 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4033 BROOKFIELD AVE	04/06/11 8:30: AM	04/06/11 09:00 AM	1 GAL	Sewer Service Line	14780	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1240260	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240906 AND 1241694 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3500 DECATUR CT	04/06/11 10:15: AM	04/06/11 11:09 AM	1 GAL	Sewer Service Line	087G01300000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1240357	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240816 AND 1243132 - FLUSED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1110 SCHILLER AVE	04/06/11 1:15: PM	04/06/11 01:48 PM	1 GAL	Sewer Service Line	92847	PORTION OF PIPE BROKE ON MSD'S SIDE OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1240430	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240431, 1241943 AND 1243712 - FLUSHED, VACTOR, AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3015 SHERBROOKE RD	04/07/11 2:00: PM	04/07/11 02:29 PM	1 GAL	Sewer Service Line	080H01720000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1240873	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1241068 AND 1241972 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2918 KLONDIKE LN	04/07/11 8:00: PM	04/07/11 08:36 PM	1 GAL	Sewer Service Line	091A00100000A	MSD PERSONNEL FLUSHING SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1240990	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	10602 BRACKEN BRANCH CT	04/07/11 11:00: PM	04/08/11 12:12 AM	1 GAL	Sewer Service Line	MT29322029	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1240986	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1240987 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3700 HILLSBORO RD	04/08/11 4:30: PM	04/08/11 05:14 PM	1 GAL	Sewer Service Line	55146	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1241777	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1241974, 1242305 AND 1243179 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	203 MCARTHUR DR	04/09/11 1:56: PM	04/09/11 02:02 PM	1 GAL	Sewer Service Line	64190	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1241987	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1242045 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	2807 SIX MILE LN	04/09/11 7:30: PM	04/09/11 08:18 PM	1 GAL	Sewer Service Line	112852807	OBSTRUCTION ON MSD'S PORTION OF THE PROPERY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1242003	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1242002 - FLUSHED AND REMOVED OBSTRUCTION
DEREK R. GUTHRIE	KY0078956	4701 LONGBOROUGH CT	04/10/11 10:41: AM	04/10/11 11:24 AM	8 GAL	Sewer Service Line	BE08824299	GREASE BLOCKAGE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1242050	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1243274 - ROOT-CUT MAIN SEWER AND GOT OPEN

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	6815 COPRA LN	04/11/11 10:00: AM (	04/11/11 10:33 AM	1 GAL	Sewer Service Line	PB17855029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1242242	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1242253 AND 1244016 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	11710 WILTONWOOD CT	04/11/11 10:30: AM (	04/11/11 10:56 AM	1 GAL	Sewer Service Line	DD87373019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE AND IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1242283	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1242296, 1242323, 1243117 AND 1243749 - FLUSHED ROOTCUT THE MAIN SEWER; FLUSHED AND REPAIRED THE PROPERTY SERVICEL LINE AND 2-WAY
DEREK R. GUTHRIE	KY0078956	8815 MOODY RD	04/11/11 2:45: PM (	04/11/11 03:30 PM	3 GAL	Sewer Service Line	165872	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1242481	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	PLUMBER REMOVED ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	6118 RED SPRUCE DR	04/11/11 9:55: PM (	04/11/11 10:00 PM	1 GAL	Sewer Service Line	PD21280019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1242608	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1242948 AND 1243971 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9603 GLENAWYN CIR	04/12/11 12:00: AM (	04/12/11 10:36 AM	1 GAL	Sewer Service Line	180100280000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263553	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	9240 WENDELL CIR	04/12/11 12:00: AM (	04/12/11 08:31 AM	1 GAL	Sewer Service Line	2360269240	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263506	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6605 HOLLOW TREE RD	04/12/11 12:00: AM (	04/12/11 12:54 PM	1 GAL	Sewer Service Line	124646605A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263929	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5220 FAMOUS WAY	04/12/11 12:00: AM (	04/12/11 09:03 AM	1 GAL	Sewer Service Line	137907	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263521	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7702 ARNOLDTOWN RD	04/12/11 12:00: AM (	04/12/11 08:29 AM	1 GAL	Sewer Service Line	139977702	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263498	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	2212 FARNSLEY RD	04/12/11 12:00: AM (	04/12/11 02:23 PM	1 GAL	Sewer Service Line	33920	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263669	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9300 LOCH LEA LN	04/12/11 12:00: AM (	04/12/11 10:07 AM	1 GAL	Sewer Service Line	607433	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263538	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	10514 W MANSLICK RD	04/12/11 12:00: AM (	04/12/11 12:02 PM	1 GAL	Sewer Service Line	AU13592029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263878	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4905 SUNDAY DR	04/12/11 12:00: AM (	04/12/11 02:43 PM	1 GAL	Sewer Service Line	PB18045019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263640	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6800 ORANGE BLOSSOM RD	04/12/11 12:00: AM (	04/12/11 09:20 AM	1 GAL	Sewer Service Line	PB18079019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263695	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA (WO#1259504)	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4703 SUNDAY DR	04/12/11 12:00: AM (	04/12/11 11:02 AM	1 GAL	Sewer Service Line	PB18123019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263449	ADVISED CUSTOMER TO CALL MSD BACK IF WATER DOESN'T RECEDE WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4803 MILE OF SUNSHINE DR	04/12/11 12:00: AM (	04/12/11 10:24 AM	1 GAL	Sewer Service Line	PB18223019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263474	ADVISED CUSTOMER TO CALL BACK IF WATER HAS RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6803 PALM TREE DR	04/12/11 12:00: AM (	04/12/11 09:54 AM	1 GAL	Sewer Service Line	PB18227039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263698	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6803 PALM TREE DR	04/12/11 12:00: AM (	04/27/11 08:10 AM	1 GAL	Sewer Service Line	PB18227039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263701	ADVISED CUSTOMER TO CALL BACK WHEN WATER RECEDES IF WANTED A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5008 MILE OF SUNSHINE DR	04/12/11 12:00: AM (	04/12/11 10:02 AM	1 GAL	Sewer Service Line	PB18341019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263542	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITH 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	1000 SPRINGVIEW DR	04/12/11 12:00: AM (	04/12/11 12:17 PM	1 GAL	Sewer Service Line	PC07895039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263585	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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Associated	Associated		1			1							
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3913 NAPANEE RD	04/12/11 12:00: AM	04/12/11 11:25 AM	1 GAL	Sewer Service Line	025101300000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263920	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	706 FOUNTAIN AVE	04/12/11 12:00: AM	04/12/11 10:10 AM	1 GAL	Sewer Service Line	035300390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263527	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	101 MARSHALL DR	04/12/11 12:00: AM	04/12/11 12:05 PM	1 GAL	Sewer Service Line	035600040000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263582	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4302 DARBROOK RD	04/12/11 12:00: AM	04/12/11 02:12 PM	1 GAL	Sewer Service Line	038401720000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263652	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1817 BEECH ST	04/12/11 12:00: AM	04/12/11 12:03 PM	1 GAL	Sewer Service Line	040B01370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263486	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4513 SUNSET AVE	04/12/11 12:00: AM	04/12/11 03:17 PM	1 GAL	Sewer Service Line	044D01090000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263524	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3943 S 5TH ST	04/12/11 12:00: AM	04/12/11 03:45 PM	1 GAL	Sewer Service Line	052C01950000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263678	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4425 DANNYWOOD RD	04/12/11 12:00: AM	04/12/11 12:34 PM	1 GAL	Sewer Service Line	054900600000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263589	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	7202 IVAN CT	04/12/11 12:00: AM	04/12/11 05:10 PM	1 GAL	Sewer Service Line	062R00430000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263682	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2229 MILLVALE RD	04/12/11 12:00: AM	04/12/11 06:33 PM	1 GAL	Sewer Service Line	078F00040000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263685	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3018 BEAUMONT RD	04/12/11 12:00: AM	04/12/11 05:47 PM	1 GAL	Sewer Service Line	081F00530000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263683	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3110 KIPLING WAY	04/12/11 12:00: AM	04/12/11 11:14 AM	1 GAL	Sewer Service Line	081K00470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262143	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3301 HEATHER LN	04/12/11 12:00: AM	04/12/11 01:07 PM	1 GAL	Sewer Service Line	081L01170000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263940	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3044 RADIANCE RD	04/12/11 12:00: AM	04/12/11 10:14 AM	1 GAL	Sewer Service Line	081M01540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263706	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2824 DELL BROOKE AVE	04/12/11 12:00: AM	04/12/11 04:20 PM	1 GAL	Sewer Service Line	082Z01190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263954	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4001 MELDA LN	04/12/11 12:00: AM	04/12/11 12:14 PM	1 GAL	Sewer Service Line	087100740000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263490	ADVISED CUSTOMER TO CONTACT MSD WITHIN 24HRS IF WATER HASN'T RECEDE	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3522 KERRY DR	04/12/11 12:00: AM	04/12/11 08:53 AM	1 GAL	Sewer Service Line	087F01530000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263415	ADVISED CUSTOMER TO CALL MSD BACK IF WATER DOSEN'T RECEDE WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2910 KLONDIKE LN	04/12/11 12:00: AM	04/12/11 10:30 AM	1 GAL	Sewer Service Line	091A00140000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263707	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2805 CONROY PL	04/12/11 12:00: AM	04/12/11 02:35 PM	1 GAL	Sewer Service Line	091A01330000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263671	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2906 WHITE PLAINS RD	04/12/11 12:00: AM	04/12/11 02:53 PM	1 GAL	Sewer Service Line	091A02320000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263673	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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	Associated Treatment		l l		i)							1	n U
Name	Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN K	KY0022411	3120 MCMAHAN BLVD	04/12/11 12:00: AM 0	04/12/11 11:08 PM	1 GAL	Sewer Service Line	091N00260000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263974	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITH 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	5710 SPICEWOOD LN	04/12/11 12:00: AM 0	04/12/11 10:18 AM	1 GAL	Sewer Service Line	096201400000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263518	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	5806 SPICEWOOD LN	04/12/11 12:00: AM 0	04/12/11 08:22 AM	1 GAL	Sewer Service Line	096202610000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262155	MSD CONTRACTOR CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	2000 AYARS CT	04/12/11 12:00: AM 0	04/12/11 10:35 AM	1 GAL	Sewer Service Line	099600600000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263552	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	3155 TALISMAN RD	04/12/11 12:00: AM 0	04/12/11 09:22 AM	1 GAL	Sewer Service Line	102114	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263697	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	4510 TAYLOR BLVD	04/12/11 12:00: AM 0	04/12/11 10:02 AM	1 GAL	Sewer Service Line	103650	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263433	ADVISED CUSTOMER TO CALL MSD BACK IF WATER DOESN'T RECEDE WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	(Y0022411	2222 WADSWORTH AVE	04/12/11 12:00: AM 0	04/12/11 08:36 AM	1 GAL	Sewer Service Line	106586	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262299	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	(Y0022411	3227 ALLISON WAY	04/12/11 12:00: AM 0	04/12/11 05:10 PM	1 GAL	Sewer Service Line	1109	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263681	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	4008 WINCHESTER RD	04/12/11 12:00: AM 0	04/12/11 02:09 PM	1 GAL	Sewer Service Line	111937	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263946	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	(Y0022411	3603 FRIAR TUCK CT	04/12/11 12:00: AM 0	04/12/11 11:17 AM	1 GAL	Sewer Service Line	130922D	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263482	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDE WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	KY0022411	4002 DRUID HILLS RD	04/12/11 12:00: AM 0	04/12/11 05:22 PM	1 GAL	Sewer Service Line	132821	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263677	ADVISED CUSTOMER TO CONTACT MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	101 BULLITT LN	04/12/11 12:00: AM 0	04/12/11 09:54 AM	1 GAL	Sewer Service Line	144525	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263421	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	4026 BROOKFIELD AVE	04/12/11 12:00: AM 0	04/12/11 04:41 PM	1 GAL	Sewer Service Line	14752	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263679	ADVISED CUSTOMER TO CONTACT MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	6419 REGENCY LN	04/12/11 12:00: AM 0	04/12/11 09:28 AM	1 GAL	Sewer Service Line	151158	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263529	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	506 LANGHOLM PL	04/12/11 12:00: AM 0	04/12/11 03:20 PM	1 GAL	Sewer Service Line	186303320000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263676	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA (WO#1244055)	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	(Y0022411	5309 DAHL RD	04/12/11 12:00: AM 0	04/12/11 12:43 PM	1 GAL	Sewer Service Line	23693	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263590	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	(Y0022411	3012 DALE ANN DR	04/12/11 12:00: AM 0	04/12/11 07:13 PM	1 GAL	Sewer Service Line	24217	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263969	ADVISED CUSTOMER TO CALL BACK IF WATER HASAN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	2211 MAHAN DR	04/12/11 12:00: AM 0	04/12/11 03:14 PM	1 GAL	Sewer Service Line	268400140000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263675	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	2840 ELEANOR AVE	04/12/11 12:00: AM 0	04/12/11 05:02 PM	1 GAL	Sewer Service Line	34988	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263962	ADVISED CUSTOMER TO CONTACT CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN K	CY0022411	3602 GLENCREEK LN	04/12/11 12:00: AM 0	04/12/11 05:00 PM	1 GAL	Sewer Service Line	46588	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263961	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2855 HIKES LN	04/12/11 12:00: AM	04/12/11 04:12 PM	1 GAL	Sewer Service Line	47270	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263643	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3117 ROYPOM DR	04/12/11 12:00: AM (	04/12/11 06:19 PM	1 GAL	Sewer Service Line	6361158	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263968	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDE WITH 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3115 ROYPOM DR	04/12/11 12:00: AM (	04/12/11 08:32 AM	1 GAL	Sewer Service Line	6361159	LACKOF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262256	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	112 MARSHALL DR	04/12/11 12:00: AM (	04/12/11 12:55 PM	1 GAL	Sewer Service Line	68828	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263932	ADVISED CUSTOMER TO CALL BACK IF WATER HASAN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3046 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 08:27 AM	1 GAL	Sewer Service Line	85891	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262191	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3038 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 07:18 PM	1 GAL	Sewer Service Line	85898	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263686	ADVISED CUSTOMER TO CONTACT MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3034 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 10:39 AM	1 GAL	Sewer Service Line	85901	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263705	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3228 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 10:51 AM	1 GAL	Sewer Service Line	86006	LACKK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263570	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3234 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 10:10 AM	1 GAL	Sewer Service Line	86010	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263549	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3254 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 08:39 AM	1 GAL	Sewer Service Line	86040	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263512	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3239 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 02:57 PM	1 GAL	Sewer Service Line	86045	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263575	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3233 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 10:05 AM	1 GAL	Sewer Service Line	86048	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263539	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3229 RADIANCE RD	04/12/11 12:00: AM (	04/12/11 09:12 AM	1 GAL	Sewer Service Line	86051	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263516	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	506 ROLLING LN	04/12/11 12:00: AM (	04/12/11 09:55 AM	1 GAL	Sewer Service Line	89602	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263703	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITH 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3828 DOWNING WAY	04/12/11 12:00: AM (	04/12/11 03:58 PM	1 GAL	Sewer Service Line	BJ09169089	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263429	ADVISED CUSTOMER TO CALL MSD BACK OF WATER DOSEN'T RECEDE AFTER 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	377 N 26TH ST	04/12/11 12:00: AM (	04/12/11 04:47 PM	1 GAL	Sewer Service Line	C10817049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263664	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3029 BEAUMONT RD	04/12/11 3:30: AM (	04/12/11 03:59 AM	1 GAL	Sewer Service Line	081F00640000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243068	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THERE WAS NO FURTHER ACTION REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4002 BROOKFIELD AVE	04/12/11 4:15: AM (	04/12/11 07:31 AM	25 GAL	Sewer Service Line	14667	LACK OF SYSTEM CAPACITY/SUMP-PUMP BACKFLOW FAILURE	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1242674	CUSTOMER CLEANED THE IMPACTED AREA/MSD COURTESY PUMPED	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	3507 DORSET RD	04/12/11 8:30: AM (	04/12/11 09:09 AM	1 GAL	Sewer Service Line	DE46154019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243045	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4107 ELMWOOD AVE	04/12/11 8:30: AM (	04/12/11 08:30 AM	1 GAL	Sewer Service Line	157900150000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263502	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3307 GOLDSMITH LN	04/12/11 8:38: AM	04/12/11 08:38 AM	1 GAL	Sewer Service Line	36648	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263510	ADVISED CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDE WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	412 HARRIS PL	04/12/11 8:45: AM	04/12/11 10:08 AM	1 GAL	Sewer Service Line	034200850000A	MAIN SEWER IS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243002	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO LET SYSTEM CATCH UP
MORRIS FORMAN	KY0022411	3610 TEMPLEWOOD DR	04/12/11 9:12: AM	04/12/11 09:12 AM	1 GAL	Sewer Service Line	096202490000B	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263525	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8925 OLD SOUTH PARK RD	04/12/11 9:15: AM	04/12/11 09:50 AM	1 GAL	Sewer Service Line	PC07258029	MSD SEWER RUNNING AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1242973	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	5811 EMMALEE DR	04/12/11 9:39: AM	04/12/11 09:39 AM	1 GAL	Sewer Service Line	087101730000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262106	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5712 SPICEWOOD LN	04/12/11 10:15: AM	04/12/11 11:29 AM	9 GAL	Sewer Service Line	096201390000A	THE MAIN SEWER AND WAS MSD SEWER RUNNING A FULL CAPACITY	AT LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243104	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	5804 SPICEWOOD LN	04/12/11 10:15: AM	04/12/11 10:44 AM	6 GAL	Sewer Service Line	096202620000A	MSD MAIN SEWER RUNNING AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243035	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	4227 ST THOMAS AVE	04/12/11 10:21: AM	04/12/11 10:21 AM	1 GAL	Sewer Service Line	BJ14683029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262096	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HITE CREEK	KY0022420	11202 KENDALTON PL	04/12/11 11:00: AM	04/12/11 11:45 AM	5 GAL	Sewer Service Line	162903450000A	SEWERS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243119	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3403 NELLIE BLY DR	04/12/11 11:29: AM	04/12/11 11:29 AM	1 GAL	Sewer Service Line	74723	LACI OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262099	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	1053 FRANELM RD	04/12/11 11:32: AM	04/12/11 11:32 AM	1 GAL	Sewer Service Line	Y14115019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262091	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	1010 CRISTLAND RD	04/12/11 11:37: AM	04/12/11 11:38 AM	1 GAL	Sewer Service Line	Y08382019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262087	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7927 NOTTOWAY CIR	04/12/11 12:00: PM	04/12/11 12:31 PM	5 GAL	Sewer Service Line	DE31270029	SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243155	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED FROM MSD PERSONNEL
MORRIS FORMAN	KY0022411	2216 FAIRLAND AVE	04/12/11 12:00: PM	04/12/11 12:38 PM	1 GAL	Sewer Service Line	050000150000A	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243163	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	ADVISED TO ALLOW SYSTEM TO CATCH UP
MORRIS FORMAN	KY0022411	2812 POMEROY DR	04/12/11 12:45: PM	04/12/11 02:31 PM	1 GAL	Sewer Service Line	091A01710000A	SYSTEM IS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243263	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED SYSTEM IS AT CAPACITY
MORRIS FORMAN	KY0022411	2822 POMEROY DR	04/12/11 12:45: PM	04/12/11 02:12 PM	1 GAL	Sewer Service Line	091A01760000A	SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243246	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO ALLOW SYSTEM TO DRAIN
MORRIS FORMAN	KY0022411	3116 POMEROY DR	04/12/11 1:15: PM (	04/12/11 01:51 PM	1 GAL	Sewer Service Line	BJ13943019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243227	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED OF SYSTEM CAPACITY
MORRIS FORMAN	KY0022411	5106 REGENT WAY	04/12/11 1:30: PM (	04/12/11 01:52 PM	1 GAL	Sewer Service Line	089704440000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243228	ADVSIED CUSTOMER THEY'RE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	NO FUTHER MSD ACTION NEEDED
DEREK R. GUTHRIE	KY0078956	9417 MINUTE MEN CT	04/12/11 2:45: PM (	04/12/11 03:23 PM	1 GAL	Sewer Service Line	168802	STRUCTURAL DAMAGE ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISREV RAIN EVENT DISCHARGE	1243311	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1243591 - REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3426 PEMAQUID RD	04/12/11 3:30: PM (	04/12/11 04:24 PM	1 GAL	Sewer Service Line	BU06994029	SYSTEM IS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1243362	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED SYSTEM IS AT CAPACITY

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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	Cause of Overflow	Due To	Weather WO # Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4507 SHELBYVILLE RD	04/12/11 4:42: PM	04/12/11 04:42 PM	1 GAL	Sewer Service Line	121234507	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1266850 ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA DISCHARGE	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	7703 NEVIA WAY	04/12/11 4:45: PM	04/12/11 05:15 PM	1 GAL	Sewer Service Line	251801480000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243410 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO MSD ACTION NEEDED
MORRIS FORMAN	KY0022411	6703 WINDHURST RD	04/12/11 5:06: PM	04/12/11 05:08 PM	4 GAL	Sewer Service Line	181275	MAIN SEWER IS SURCHARGED	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243406 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER TO CALL CUSTOMER SERVICE FOR BACK FLOW PREVENTION DEVICE
MORRIS FORMAN	KY0022411	3526 DUTCHMANS LN	04/12/11 5:30: PM	04/12/11 06:09 PM	1 GAL	Sewer Service Line	31789D	CAPACITY ISSUE	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243432 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER THAT SEWERS ARE AT CAPACITY
DEREK R. GUTHRIE	KY0078956	4505 ST RITA DR	04/12/11 6:00: PM	04/12/11 06:32 PM	3 GAL	Sewer Service Line	PC12371019	MAIN SEWER WAS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243444 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA DISCHARGE	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	2006 TREVILIAN WAY	04/12/11 6:03: PM	04/12/11 06:04 PM	1 GAL	Sewer Service Line	104450	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243428 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER TO CALL BACK IF USAGE IS NOT RESTORED AFTER MAIN SUBSIDES
MORRIS FORMAN	KY0022411	5800 ROBINHOOD LN	04/12/11 6:06: PM	04/12/11 06:06 PM	1 GAL	Sewer Service Line	177124	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1263534 MSD CONTRACTOR CLEANED AND SANITIZED THE EVENT DISCHARGE	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4225 ST THOMAS AVE	04/12/11 6:15: PM	04/12/11 06:52 PM	1 GAL	Sewer Service Line	BJ14684069	SEWER AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243454 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2213 MAHAN DR	04/12/11 8:14: PM	04/12/11 08:15 PM	10 GAL	Sewer Service Line	156937	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243481 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER TO CONTACT PLUMBER IF STILL HAVING ISSUES
MORRIS FORMAN	KY0022411	2511 HOWARD ST	04/13/11 9:00: AM	04/13/11 09:32 AM	1 GAL	Sewer Service Line	49927	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1243619 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	CUSTOMER HAS FULL USAGE.
MORRIS FORMAN	KY0022411	3101 SUDBURY CT	04/13/11 12:30: PM	04/13/11 01:23 PM	1 GAL	Sewer Service Line	158043	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE 1243849 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1243847, 1243857 AND 1244869 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3313 GOLDSMITH LN	04/13/11 1:45: PM	04/13/11 09:34 PM	1 GAL	Sewer Service Line	082Y01860000A	ROOTS AND OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE  1243896 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1243895 AND 1243924 - ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3507 E INDIAN TRL	04/13/11 1:45: PM	04/13/11 02:15 PM	5 GAL	Sewer Service Line	54458	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
DEREK R. GUTHRIE	KY0078956	7704 BURR LN	04/13/11 4:00: PM	04/13/11 04:10 PM	1 GAL	Sewer Service Line	12485	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE 1243995 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1244594 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	506 LANGHOLM PL	04/13/11 4:00: PM	04/13/11 05:15 PM	1 GAL	Sewer Service Line	186303320000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE  1244054 MSD CONCTRACTOR CLEANED AND SANITIZE THE IMPACTED AREA	WORK ORDER 1244052 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	10500 LARKHALL CT	04/13/11 5:22: PM	04/13/11 05:46 PM	1 GAL	Sewer Service Line	194408480000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE 1244060 CUTSOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1244646 AND 1245793 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	109 POPE ST	04/13/11 6:00: PM	04/13/11 06:24 PM	1 GAL	Sewer Service Line	164933	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1244041 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER NO FUTHER ACTION FROM MSD
MORRIS FORMAN	KY0022411	4425 DANNYWOOD RD	04/13/11 6:24: PM	04/13/11 06:46 PM	1 GAL	Sewer Service Line	054900600000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1244069 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	3226 RADIANCE RD	04/13/11 8:30: PM	04/13/11 09:09 PM	1 GAL	Sewer Service Line	86004	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1244092 CUSTOMER CLEANED THE IMPACTED AREA EVENT DISCHARGE	ADVISED CUSTOMER OF CAPACITY
MORRIS FORMAN	KY0022411	3234 RADIANCE RD	04/13/11 8:30: PM	04/13/11 09:03 PM	50 GAL	Sewer Service Line	86010	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1244091 MSD CONTRACTOR CLEANED AND SANITIZED THE EVENT DISCHARGE	ADVISED CUSTOMER OF CAPACITY

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Associated	Accesiated					1		T				T	
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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	6410 SIX MILE LN	04/13/11 9:30: PM	04/13/11 09:47 PM	1 GAL	Sewer Service Line	091L00080000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244109	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	SEWERS WERE STILL RUNNING AT CAPACITY
MORRIS FORMAN	KY0022411	1039 S 16TH ST	04/13/11 10:15: PM	04/13/11 10:39 PM	1 GAL	Sewer Service Line	43011039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244117	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER THAT BACKUP DUE TO SEWER SURCHARGING
DEREK R. GUTHRIE	KY0078956	4803 MILE OF SUNSHINE DR	04/14/11 9:00: AM	04/14/11 09:26 AM	5 GAL	Sewer Service Line	PB18223019	SEWERS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244298	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	CAPACITY ISSUE
MORRIS FORMAN	KY0022411	3116 POMEROY DR	04/14/11 9:45: AM	04/14/11 09:54 AM	1 GAL	Sewer Service Line	BJ13943019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244413	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA (SEE WO#1245096)	NO FURTHER MSD ACTION NEEDED
DEREK R. GUTHRIE	KY0078956	7103 WATSON LN	04/14/11 10:30: AM	04/14/11 11:52 AM	1 GAL	Sewer Service Line	DD71674019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1244521	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1244931 AND 1244934 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7101 WATSON LN	04/14/11 12:00: PM	04/14/11 12:14 PM	1 GAL	Sewer Service Line	DD71673019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1244537	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1244923 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1700 MARLOW RD	04/14/11 3:45: PM	04/14/11 04:45 PM	1 GAL	Sewer Service Line	68439	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1244715	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1244897 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1504 CYPRESS ST	04/14/11 5:30: PM	04/14/11 06:03 PM	1 GAL	Sewer Service Line	27754	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244727	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FUTHER ACTION NEEDED BY MSD
DEREK R. GUTHRIE	KY0078956	7543 JUSTAN AVE	04/15/11 10:39: AM	04/15/11 11:30 AM	3 GAL	Sewer Service Line	181730	ROOTS ON MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1244930	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1245169, 1245172, 1245173, 1245192, AND 1245376 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	5501 REFLECTION DR	04/15/11 12:23: PM	04/15/11 12:29 PM	1 GAL	Sewer Service Line	094900670000A	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1244958	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1245194 AND 1245449 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	101 BULLITT LN	04/15/11 2:15: PM	04/15/11 03:00 PM	1 GAL	Sewer Service Line	144525	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1245086	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	3309 CHINQUAPIN LN	04/15/11 6:30: PM	04/15/11 07:30 PM	1 GAL	Sewer Service Line	096201070000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1245134	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	993 BLUEGRASS AVE	04/16/11 9:00: PM	04/16/11 09:25 PM	1 GAL	Sewer Service Line	9258	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1245390	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1245398 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4204 BRIARWOOD RD	04/17/11 5:00: PM	04/17/11 05:35 PM	1 GAL	Sewer Service Line	052401030000A	ROOTS AT THE SHARED JOINT AND IN MSD'S PORTION OF THE PROERTY SERVICE LINE AND ON PRIVATE PROPERTY	NROOTS	DISDW DRY WEATHER DISCHARGE	1245457	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1245889 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5806 ELDORADO AVE	04/18/11 11:00: AM	04/18/11 11:44 AM	1 GAL	Sewer Service Line	BE09760229	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1245659	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1245928 AND 1248062 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4905 SUNDAY DR	04/18/11 4:50: PM	04/18/11 04:52 PM	1 GAL	Sewer Service Line	PB18045019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1245919	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1245993 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3808 MANNER DALE DR	04/18/11 10:46: PM	04/18/11 10:57 PM	2 GAL	Sewer Service Line	66675	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1245989	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1246153 - REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3511 DEIBEL WAY	04/19/11 12:45: PM	04/19/11 01:58 PM	1 GAL	Sewer Service Line	27978	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1246252	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1246254, 1246704 AND 1247425 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
JEFFERSONTOWN	KY0025194	11300 DECIMAL DR	04/19/11 2:15: PM (	04/19/11 03:22 PM	1 GAL	Sewer Service Line	JT14501019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1247246	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1247248 AND 1247321 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7405 BLUFFINGTON RD	04/19/11 11:32: PM	04/19/11 11:37 PM	7 GAL	Sewer Service Line	BW03276069	ROOTS ON MSD PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1247520	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1248074 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater	Associated Treatment	Overflow	Overflow Start	Overflow Stop	Volume of	Source							
Treatment Plant Name	Plant KPDES #	Location	Date & Time	Date & Time	Overflow	Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	7917 NOTTOWAY CIR	04/20/11 9:30: AM	04/20/11 10:03 AM	1 GAL	Sewer Service Line	DE31280029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1247814	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1248487 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1718 KENNEDY RD	04/20/11 10:00: AM	04/20/11 10:31 AM	1 GAL	Sewer Service Line	100501020000A	ROOTS IN MAIN SEWER AND ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1247965	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1248661, 1248940, 1250311, 1250307 AND 1253793 - ROOT CUT MAIN SEWER AND REPAIRED THE PROPERTY SERVICE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	13407 HOPEDALE WAY	04/20/11 10:30: AM	04/20/11 11:31 AM	1 GAL	Sewer Service Line	DD71464019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1248059	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDEER 1248061 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2242 BRADFORD DR	04/20/11 1:00: PM	04/20/11 01:25 PM	1 GAL	Sewer Service Line	13497	ROOTS AT THE TAP AND ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1248145	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1248325 AND 1248713 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1055 RUNELL RD	04/20/11 1:15: PM	04/20/11 01:47 PM	1 GAL	Sewer Service Line	181724	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1248155	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1248163 ADN 1248733 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5607 NORTON AVE	04/20/11 6:30: PM	04/20/11 06:59 PM	1 GAL	Sewer Service Line	76775	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1249142	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1248349 AND 1248610 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4807 TIPTON PL	04/20/11 11:00: PM	04/20/11 11:26 PM	1 GAL	Sewer Service Line	DD40686019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1248378	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1248773 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3206 SUMMERFIELD DR	04/21/11 9:00: AM	04/21/11 09:56 AM	1 GAL	Sewer Service Line	BJ12726619	MAIN SEWER WAS STOPPED UP	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1248531	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1248535 - FLUSHED MAIN SEWER AND OPENED
DEREK R. GUTHRIE	KY0078956	7928 NOTTOWAY CIR	04/21/11 9:05: AM	04/21/11 09:22 AM	10 GAL	Sewer Service Line	DE31262019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1248503	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	CUSTOMER HAS FULL USAGE; NO FUTHER MSD ACTION NEEDED
MORRIS FORMAN	KY0022411	3000 SOMBER WAY	04/21/11 12:15: PM	04/21/11 12:48 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1248635	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1255317, 1258281 AND 1260677 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1007 S 47TH ST	04/21/11 12:56: PM	04/21/11 01:20 PM	2 GAL	Sewer Service Line	130570	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1248657	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1248679 AND 1248710 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	4606 LEESBURG CT	04/21/11 2:30: PM	04/21/11 03:10 PM	1 GAL	Sewer Service Line		ROOT ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1248752	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249043 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6209 PRICE LANE RD	04/22/11 10:45: AM	04/22/11 11:13 AM	1 GAL	Sewer Service Line	PD21038049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1248975	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249072 - REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3207 RADIANCE RD	04/22/11 11:17: AM	04/22/11 11:41 AM	5 GAL	Sewer Service Line	86063	SECTION OF PIPE IS FALLING BACKWARDS	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1248997	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1248994 AND 1248999 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3511 W KENTUCKY ST	04/22/11 1:35: PM	04/22/11 01:48 PM	1 GAL	Sewer Service Line	55322	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1249062	CUSTOMER CLEANED THE IMPACTED	WORK ORDER 1249276 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9409 POLARIS DR	04/22/11 2:27: PM	04/22/11 02:35 PM	1 GAL	Sewer Service Line	PD01100019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1249125	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249129 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	11005 FINCHLEY RD	04/22/11 6:00: PM	04/22/11 06:27 PM	1 GAL	Sewer Service Line	185202290000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1249182	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249181 - FLUSHED PROPERTY SERVICE LINE AND OPEN
MORRIS FORMAN	KY0022411	101 STAEBLER AVE	04/22/11 8:15: PM	04/22/11 08:43 PM	1 GAL	Sewer Service Line	97361	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1249206	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249349 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3018 BEAUMONT RD	04/23/11 12:00: AM	04/23/11 06:56 PM	1 GAL	Sewer Service Line	081F00530000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263684	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3930 BROOKFIELD AVE	04/23/11 12:00: AM	04/23/11 11:17 PM	1 GAL	Sewer Service Line	14659	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266464	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3728 LENTZ AVE	04/23/11 9:28: AM	04/23/11 12:00 PM	1 GAL	Sewer Service Line	065C02000000A	LACK OF SYSEM CAPCITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249327	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8207 SIESTA WAY	04/23/11 10:00: AM	04/23/11 11:00 AM	1 GAL	Sewer Service Line	PC12114029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249305	CUSTOMER CLEANED IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3307 STRATFORD AVE	04/23/11 12:40: PM	04/23/11 01:13 PM	1 GAL	Sewer Service Line	054400630000A	PRIVATE PROPERTY ISSUE	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249568	LACK OF SYSTEM CAPACITY	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3805 THERINA WAY	04/23/11 2:00: PM	04/23/11 02:22 PM	2 GAL	Sewer Service Line	160600360000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1249496	ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE	WORK ORDER 1249498 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	512 FORUM AVE	04/23/11 2:04: PM	04/23/11 02:25 PM	2 GAL	Sewer Service Line	060G00700000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1249566	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	2212 PARIS DR	04/23/11 2:58: PM	04/23/11 03:08 PM	1 GAL	Sewer Service Line	80596	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249760	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3305 ENRIDGE DR	04/23/11 3:26: PM	04/23/11 03:28 PM	2 GAL	Sewer Service Line	186704570000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249559	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	401 N 38TH ST	04/23/11 4:06: PM	04/23/11 04:08 PM	2 GAL	Sewer Service Line	150024	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249554	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3045 CABINWOOD DR	04/23/11 4:30: PM	04/23/11 05:38 PM	1 GAL	Sewer Service Line	091B00500000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249556	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6803 TAFFY ANN DR	04/23/11 4:55: PM	04/23/11 04:56 PM	1 GAL	Sewer Service Line	0T81F6803	ROOTS IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1249570	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249560 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3029 BEAUMONT RD	04/23/11 5:00: PM	04/23/11 05:59 PM	5 GAL	Sewer Service Line	081F00640000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249600	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGTION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2812 POMEROY DR	04/23/11 6:06: PM	04/23/11 06:06 PM	1 GAL	Sewer Service Line	091A01710000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269859	CUSTOMER DECLINED COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2630 PINDELL AVE	04/23/11 10:30: PM	04/23/11 11:16 PM	1 GAL	Sewer Service Line	141794	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1249711	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1249707 - FLUSHED THE MAIN SEWER AND REMOVED OBSTRUCTION;REFERRED TO TVI DEPT
MORRIS FORMAN	KY0022411	2212 PARIS DR	04/24/11 6:40: AM	04/24/11 07:15 AM	5 GAL	Sewer Service Line	80596	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249764	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA AT THIS TIME	REFERRED TO CREW FOR TV INSPECTION
MORRIS FORMAN	KY0022411	1804 HARTMAN AVE	04/24/11 9:16: AM	04/24/11 09:24 AM	1 GAL	Sewer Service Line	076D00270000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISREV RAIN EVENT DISCHARGE	1249783	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249827 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9724 TITAN DR	04/24/11 10:47: AM	04/24/11 11:03 AM	1 GAL	Sewer Service Line	PD01658039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249849	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6703 WINDHURST RD	04/24/11 11:33: AM	04/24/11 11:49 AM	13 GAL	Sewer Service Line	181275	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249847	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6706 TOTTENHAM RD	04/24/11 1:00: PM	04/24/11 01:00 PM	2 GAL	Sewer Service Line	181247	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249842	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4820 BRENDA DR	04/24/11 6:30: PM	04/24/11 06:55 PM	1 GAL	Sewer Service Line	1504319	A BAD HOOK UP AT THE SHARED CONNECTION OF THE PROPERTY SERVICE LINE	STRUCTURAL FAILURE	DISREV RAIN EVENT DISCHARGE	1250049	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1250050 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	316 N HUBBARDS LN	04/24/11 8:15: PM	04/24/11 08:45 PM	1 GAL	Sewer Service Line	47234	ROOTS IN TAP PORTION OF MSD'S SERVICE LINE	ROOTS	DISREV RAIN EVENT DISCHARGE	1250062	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1250410 AND 1252411 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
	KY0022411	115 WILDWOOD LN	04/24/11 9:00: PM (	04/24/11 09:27 PM	1 GAL	Sewer Service Line	111758	ROOT AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1250072	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1250310 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2212 PARIS DR	04/24/11 10:00: PM	04/24/11 10:24 PM	10 GAL	Sewer Service Line	80596	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1250090	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	9232 WENDELL CIR	04/25/11 6:30: AM (	04/25/11 05:33 PM	20 GAL	Sewer Service Line	182000470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1251873	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8207 SIESTA WAY	04/25/11 9:15: AM (	04/25/11 09:41 AM	1 GAL	Sewer Service Line	PC12114029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1250276	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	150 PENNSYLVANIA AVE	04/25/11 9:30: AM (	04/25/11 10:08 AM	1 GAL	Sewer Service Line	81514	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1250297	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORER 1252173 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8211 SIESTA WAY	04/25/11 11:30: AM (	04/25/11 12:00 PM	1 GAL	Sewer Service Line	PC12112019	SEWER AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1250437	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
DEREK R. GUTHRIE	KY0078956	8909 MAPLECREEK DR	04/25/11 12:15: PM (	04/25/11 12:31 PM	1 GAL	Sewer Service Line	PC07277089	SEWER AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1250465	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL;
DEREK R. GUTHRIE	KY0078956	9307 ARISTIDES DR	04/25/11 1:00: PM (	04/25/11 01:30 PM	1 GAL	Sewer Service Line	125409307	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1250518	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED FROM MSD
MORRIS FORMAN	KY0022411	427 KENTUCKY AVE	04/25/11 1:00: PM (	04/25/11 02:01 PM	1 GAL	Sewer Service Line	52630	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1250549	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1251929 - ROOT CUT MAIN SEWER AND OPENED LINE
MORRIS FORMAN	KY0022411	1701 MODEL RD	04/25/11 5:00: PM	04/25/11 05:30 PM	3 GAL	Sewer Service Line	71548	MSD FLUSHED THE MAIN SEWER AND BACK WASH	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1251917	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED
MORRIS FORMAN	KY0022411	3000 SOMBER WAY	04/25/11 5:18: PM	04/25/11 05:25 PM	1 GAL	Sewer Service Line	082Z00280000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1251907	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	739 DEARBORN AVE	04/25/11 5:35: PM	04/25/11 06:00 PM	1 GAL	Sewer Service Line	25320	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1251906	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED
MORRIS FORMAN	KY0022411	718 S 16TH ST	04/25/11 5:40: PM (	04/25/11 06:11 PM	1 GAL	Sewer Service Line	122531D	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1251894	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1251888 AND 1251895 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	916 LOGAN ST	04/25/11 7:00: PM	04/25/11 07:20 PM	1 GAL	Sewer Service Line	61244	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1251901	CUSTOMER CLEANED THE IMPACTED AREA	NO FUTHER ACTION NEEDED
MORRIS FORMAN	KY0022411	900 FALGATE CT	04/25/11 9:00: PM	04/25/11 09:15 PM	1 GAL	Sewer Service Line	181284	SEWER AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1251935	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IF NEEDED
MORRIS FORMAN	KY0022411	6410 SIX MILE LN	04/26/11 8:45: AM	04/26/11 09:14 AM	1 GAL	Sewer Service Line	091L00080000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1252057	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	3604 EASTMEADOW CT	04/26/11 10:45: AM	04/26/11 11:45 AM	9 GAL	Sewer Service Line	DE24210059	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1252287	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1252294 - ROOT CUT AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	323 N HUBBARDS LN	04/26/11 12:00: PM	04/26/11 12:30 PM	1 GAL	Sewer Service Line	47243	MSD PERSONNEL CLEANING SEWERS	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1253326	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2401 AINTREE WAY	04/26/11 12:45: PM	04/26/11 01:09 PM	1 GAL	Sewer Service Line	188701450000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1252378	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO WAIT FOR SEWERS TO GO DOWN
MORRIS FORMAN	KY0022411	2718 GOLDSMITH LN	04/26/11 1:15: PM	04/26/11 02:21 PM	1 GAL	Sewer Service Line	081J00730000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1252397	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1252398 - ROOT CUT THE PROPERTY SERVICE LINE

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	1704 COLONY CT	04/26/11 4:15: PM (	04/26/11 05:00 PM	1 GAL	Sewer Service Line	21113	PRIVATE PROPERTY ISSUE	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1252569	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	5521 SHOREWOOD DR	04/26/11 5:09: PM (	04/26/11 05:14 PM	2 GAL	Sewer Service Line	062N00650000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1252643	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1253657 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	11203 KENDALTON PL	04/27/11 12:00: AM (	04/27/11 12:44 PM	1 GAL	Sewer Service Line	162903470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265996	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	3011 GLEESON LN	04/27/11 12:00: AM (	04/27/11 09:29 AM	1 GAL	Sewer Service Line	JT00211619	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264366	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7532 MERLYN CIR	04/27/11 12:00: AM (	04/27/11 02:49 PM	1 GAL	Sewer Service Line	062L02880000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266323	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5218 HASSOCK CT	04/27/11 12:00: AM (	04/27/11 12:01 PM	1 GAL	Sewer Service Line	1296725	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265966	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5220 FAMOUS WAY	04/27/11 12:00: AM (	04/27/11 09:53 AM	1 GAL	Sewer Service Line	137907	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263523	ADVISED CUSTOMER TO CALL MSD BACK AFTER WATER RECEDES IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4909 DEE RD	04/27/11 12:00: AM	04/27/11 08:01 AM	1 GAL	Sewer Service Line	149675	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264067	ADVISED CUSTOMER TO CALL BACK IF COURTESY CLEAN WAS NEEDED ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	11017 LEHR RD	04/27/11 12:00: AM	04/27/11 02:30 PM	1 GAL	Sewer Service Line	166133	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266303	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	1047 CRISTLAND RD	04/27/11 12:00: AM	04/27/11 07:27 AM	1 GAL	Sewer Service Line	181695	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264020	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9713 GANDY RD	04/27/11 12:00: AM (	04/27/11 07:46 AM	1 GAL	Sewer Service Line	38237	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264052	ADVISED CUSTOMER TO CALL BACK ONCE WATER RECEDES IF THEY WANTED A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9714 GANDY RD	04/27/11 12:00: AM (	04/27/11 10:20 AM	1 GAL	Sewer Service Line	38242	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264820	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7705 SIERRA TRL	04/27/11 12:00: AM (	04/27/11 08:44 AM	1 GAL	Sewer Service Line	95449	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264335	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	10514 W MANSLICK RD	04/27/11 12:00: AM (	04/27/11 06:28 AM	1 GAL	Sewer Service Line	AU13592029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263881	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9005 HUDSON LN	04/27/11 12:00: AM (	04/27/11 08:46 AM	1 GAL	Sewer Service Line	BE09000619	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264024	ADVISED CUSTOMER TO CALL BACK ONCE WATER RECEDES IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8906 GONEWIND CT	04/27/11 12:00: AM (	04/27/11 01:14 PM	1 GAL	Sewer Service Line	BJ23154019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266004	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6300 MOORHAVEN DR	04/27/11 12:00: AM	04/27/11 11:08 AM	1 GAL	Sewer Service Line	PB16955019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265365	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6302 MOORHAVEN DR	04/27/11 12:00: AM	04/27/11 11:40 AM	1 GAL	Sewer Service Line	PB16956029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265929	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4903 W BAHAMA CT	04/27/11 12:00: AM	04/27/11 10:31 AM	1 GAL	Sewer Service Line	PB18028029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265027	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6800 ORANGE BLOSSOM RD	04/27/11 12:00: AM	04/27/11 02:56 PM	1 GAL	Sewer Service Line	PB18079019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263691	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA (WO#1259504)	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	4807 MILE OF SUNSHINE DR	04/27/11 12:00: AM	04/27/11 08:57 AM	1 GAL	Sewer Service Line	PB18221019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264346	ADVISED CUSTOMER ABOUT COURTSEY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7922 ANNELLA WAY	04/27/11 12:00: AM (	04/27/11 12:51 PM	1 GAL	Sewer Service Line	PC11310019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265998	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4427 SANTA PAULA LN	04/27/11 12:00: AM (	04/27/11 08:34 AM	1 GAL	Sewer Service Line	PC12198019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264322	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4513 ST RITA DR	04/27/11 12:00: AM (	04/27/11 07:12 AM	1 GAL	Sewer Service Line	PC12367019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266511	MSD CONTRACTOR CLEANED AND SANTIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4501 ST RITA DR	04/27/11 12:00: AM (	04/27/11 09:25 AM	1 GAL	Sewer Service Line	PC12373019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264358	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3907 ELFIN AVE	04/27/11 12:00: AM (	04/27/11 09:15 AM	0 GAL	Sewer Service Line	025101410000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264363	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	207 BELLEMEADE RD	04/27/11 12:00: AM (	04/27/11 12:21 PM	1 GAL	Sewer Service Line	037700060000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265990	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2312 MANCHESTER RD	04/27/11 12:00: AM (	04/27/11 11:11 AM	1 GAL	Sewer Service Line	046400200000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265372	OFFERED COURTESY CLEAN AND ADVISED CUSTOMER TO CALL BACK ONCE WATER HAD RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4110 PLYMOUTH RD	04/27/11 12:00: AM (	04/27/11 03:17 PM	1 GAL	Sewer Service Line	053100780000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266350	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	625 W ASHLAND AVE	04/27/11 12:00: AM (	04/27/11 12:06 PM	1 GAL	Sewer Service Line	053D00800000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265977	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4502 S 6TH ST	04/27/11 12:00: AM (	04/27/11 11:47 AM	1 GAL	Sewer Service Line	053D00850000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265952	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	7203 IVAN CT	04/27/11 12:00: AM (	04/27/11 12:23 PM	1 GAL	Sewer Service Line	062R00460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265994	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3911 SPRINGHILL RD	04/27/11 12:00: AM (	04/27/11 11:21 AM	1 GAL	Sewer Service Line	080600210000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265892	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECECED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3913 SPRINGHILL RD	04/27/11 12:00: AM (	04/27/11 11:31 AM	1 GAL	Sewer Service Line	080600240000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265907	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3037 BON AIR AVE	04/27/11 12:00: AM (	04/27/11 03:22 PM	1 GAL	Sewer Service Line	081F00050000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266359	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3040 WEDGEWOOD WAY	04/27/11 12:00: AM (	04/27/11 09:20 AM	1 GAL	Sewer Service Line	081G00900000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264318	ADVISED CUSTOMER OF COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3215 NORMA LN	04/27/11 12:00: AM (	04/27/11 07:18 AM	1 GAL	Sewer Service Line	081J00850000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266513	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2727 SHANNON DR	04/27/11 12:00: AM (	04/27/11 08:27 AM	1 GAL	Sewer Service Line	081J00900000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE		MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2700 ALICE AVE	04/27/11 12:00: AM (	04/27/11 02:31 PM	1 GAL	Sewer Service Line	081J00960000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266253	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA WO#1255298	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3221 BON AIR AVE	04/27/11 12:00: AM (	04/27/11 01:36 PM	1 GAL	Sewer Service Line	081J01120000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266234	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK WHEN WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2708 ALICE AVE	04/27/11 12:00: AM (	04/27/11 04:24 PM	1 GAL	Sewer Service Line	081J01220000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266360	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2702 ALICE AVE	04/27/11 12:00: AM (	04/27/11 08:40 AM	1 GAL	Sewer Service Line	081J01470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264333	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2804 ALICE AVE	04/27/11 12:00: AM (	04/27/11 09:15 AM	1 GAL	Sewer Service Line	081J01620000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264361	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3110 KIPLING WAY	04/27/11 12:00: AM (	04/27/11 06:18 PM	1 GAL	Sewer Service Line	081K00470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262146	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2514 GOLDSMITH LN	04/27/11 12:00: AM (	04/27/11 06:31 AM	1 GAL	Sewer Service Line	081L00150000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266461	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3301 HEATHER LN	04/27/11 12:00: AM (	04/27/11 07:02 AM	1 GAL	Sewer Service Line	081L01170000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263943	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2217 GOLDSMITH LN	04/27/11 12:00: AM (	04/27/11 11:04 AM	1 GAL	Sewer Service Line	081L01830000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265360	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3028 RADIANCE RD	04/27/11 12:00: AM (	04/27/11 01:54 PM	1 GAL	Sewer Service Line	081M00110000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266240	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3033 RADIANCE RD	04/27/11 12:00: AM (	04/27/11 02:52 PM	1 GAL	Sewer Service Line	081M01460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266326	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2901 AVON RD	04/27/11 12:00: AM (	04/27/11 07:55 AM	1 GAL	Sewer Service Line	082D01240000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264060	ADVISED CUSTOMER TO CALL BACK IF WANTED A COURTESY CLEAN ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2803 DEL RIO PL	04/27/11 12:00: AM (	04/27/11 03:05 PM	1 GAL	Sewer Service Line	082Y01980000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266343	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2804 SHANNON DR	04/27/11 12:00: AM (	04/27/11 02:42 PM	1 GAL	Sewer Service Line	082Y02440000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266319	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1267 FARMDALE AVE	04/27/11 12:00: AM (	04/27/11 08:17 AM	1 GAL	Sewer Service Line	085K00150000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264057	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3415 PEMAQUID RD	04/27/11 12:00: AM (	04/27/11 02:59 PM	1 GAL	Sewer Service Line	087G00900000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266340	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1324 LACONA LN	04/27/11 12:00: AM (	04/27/11 11:24 AM	1 GAL	Sewer Service Line	087H01120000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265897	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2601 WOODSDALE AVE	04/27/11 12:00: AM (	04/27/11 03:52 PM	1 GAL	Sewer Service Line	089J01040000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266368	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1677 STORY AVE	04/27/11 12:00: AM (	04/27/11 01:05 PM	1 GAL	Sewer Service Line	100813	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266454	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3537 TERRIER LN	04/27/11 12:00: AM (	04/27/11 03:08 PM	1 GAL	Sewer Service Line	103363	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266345	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	608 N ARBOR DR	04/27/11 12:00: AM (	04/27/11 09:04 AM	1 GAL	Sewer Service Line	1064	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264351	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2222 WADSWORTH AVE	04/27/11 12:00: AM (	04/27/11 07:26 AM	1 GAL	Sewer Service Line	106586	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266519	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2231 VILLAGE DR	04/27/11 12:00: AM	04/27/11 11:18 AM	1 GAL	Sewer Service Line	106855	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265889	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	306 LOTIS WAY	04/27/11 12:00: AM	04/27/11 09:55 AM	1 GAL	Sewer Service Line	12123304	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264374	CUSTOMER CLEANED THE IMPACTED AREA; DENIED COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3218 BON AIR AVE	04/27/11 12:00: AM	04/27/11 07:09 AM	1 GAL	Sewer Service Line	12273	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266499	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	10801 DARTFORD PL	04/27/11 12:00: AM	04/27/11 11:41 AM	1 GAL	Sewer Service Line	132177	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265935	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1900 GRANTHAM CT	04/27/11 12:00: AM (	04/27/11 05:19 PM	1 GAL	Sewer Service Line	132259	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266388	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3930 BROOKFIELD AVE	04/27/11 12:00: AM	04/27/11 06:33 AM	1 GAL	Sewer Service Line	14659	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266468	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5001 ROY WILLIAM PL	04/27/11 12:00: AM	04/27/11 11:56 AM	1 GAL	Sewer Service Line	1465949	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265963	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4109 ELMWOOD AVE	04/27/11 12:00: AM	04/27/11 07:28 AM	1 GAL	Sewer Service Line	157900140000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266558	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1407 TWIN RIDGE RD	04/27/11 12:00: AM	04/27/11 10:14 AM	1 GAL	Sewer Service Line	162136	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264800	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2208 NEWMARKET DR	04/27/11 12:00: AM	04/27/11 10:20 AM	1 GAL	Sewer Service Line	164855	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264844	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6905 CARLIMAR CT	04/27/11 12:00: AM	04/27/11 09:11 AM	1 GAL	Sewer Service Line	168100930000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264356	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1001 WEYMOUTH CT	04/27/11 12:00: AM	04/27/11 10:04 AM	1 GAL	Sewer Service Line	168101130000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264771	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2937 POMEROY DR	04/27/11 12:00: AM	04/27/11 03:58 PM	1 GAL	Sewer Service Line	184701340000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266378	OFFERED CUSTOMER A COURESTY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	11105 FINCHLEY RD	04/27/11 12:00: AM	04/27/11 12:27 PM	1 GAL	Sewer Service Line	185202380000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265992	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	11103 AINWICK CT	04/27/11 12:00: AM	04/27/11 12:06 PM	1 GAL	Sewer Service Line	186304310000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265974	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2411 SIR JOHNS CT	04/27/11 12:00: AM	04/27/11 01:33 PM	1 GAL	Sewer Service Line	188701720000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266003	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	509 LYMINGTON CT	04/27/11 12:00: AM	04/27/11 12:15 PM	1 GAL	Sewer Service Line	190505930000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265986	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	601 ARMADALE PL	04/27/11 12:00: AM	04/27/11 11:46 AM	1 GAL	Sewer Service Line	191706950000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265946	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	304 CHENOWETH LN	04/27/11 12:00: AM (	04/27/11 04:02 PM	1 GAL	Sewer Service Line	27172	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266372	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1259 FARMDALE AVE	04/27/11 12:00: AM	04/27/11 07:57 AM	1 GAL	Sewer Service Line	33973	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264064	ADVISED CUSTOMER TO CALL BACK IF COURTESY CLEAN IS NEEDED ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2711 HIKES LN	04/27/11 12:00: AM (	04/27/11 10:33 AM	1 GAL	Sewer Service Line	46529	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265156	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3104 HUNSINGER BLVD	04/27/11 12:00: AM (	04/27/11 04:25 PM	1 GAL	Sewer Service Line	50076	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266356	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1863 HARVARD DR	04/27/11 12:00: AM (	04/27/11 10:42 AM	1 GAL	Sewer Service Line	50741	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265159	MSD CONTRACTOR CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2701 ALLSTON AVE	04/27/11 12:00: AM (	04/27/11 08:13 AM	1 GAL	Sewer Service Line	527	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264314	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2642 KINGS HWY	04/27/11 12:00: AM (	04/27/11 09:01 AM	1 GAL	Sewer Service Line	54304	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264312	OFFERED CUSTOMER COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2201 LANDAN DR	04/27/11 12:00: AM (	04/27/11 01:28 PM	1 GAL	Sewer Service Line	57030	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266216	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	644 LINDELL AVE	04/27/11 12:00: AM (	04/27/11 07:41 AM	1 GAL	Sewer Service Line	60503	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264029	ADVISED CUSTOMER TO CALL BACK IF THEY WANT COURTESY CLEAN ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3830 MASSIE AVE	04/27/11 12:00: AM (	04/27/11 04:47 PM	1 GAL	Sewer Service Line	69553	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266386	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3207 NORMA LN	04/27/11 12:00: AM (	04/27/11 11:39 AM	1 GAL	Sewer Service Line	76360	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265981	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	401 OREAD RD	04/27/11 12:00: AM (	04/27/11 10:51 AM	1 GAL	Sewer Service Line	78512	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265357	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3430 PEMAQUID RD	04/27/11 12:00: AM (	04/27/11 11:30 AM	1 GAL	Sewer Service Line	81226	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265901	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3424 PEMAQUID RD	04/27/11 12:00: AM (	04/27/11 02:39 PM	1 GAL	Sewer Service Line	81227	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266316	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3038 RADIANCE RD	04/27/11 12:00: AM (	04/27/11 11:21 AM	1 GAL	Sewer Service Line	85898	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263687	ADVISED CUSTOMER TO CONTACT MSD ONCE WATER HAS RECEDED IF WANTED A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3222 RADIANCE RD	04/27/11 12:00: AM (	04/27/11 05:14 PM	1 GAL	Sewer Service Line	86001	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266395	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3523 RAMONA AVE	04/27/11 12:00: AM (	04/27/11 09:47 AM	1 GAL	Sewer Service Line	86072	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264371	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2733 SHANNON DR	04/27/11 12:00: AM (	04/27/11 08:31 AM	1 GAL	Sewer Service Line	93114	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264013	ADVISED CUSTOMER TO CALL BACK ONCE WATER RECEDES IF THEY WANT MSD TO CLEAN IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2723 SHANNON DR	04/27/11 12:00: AM (	04/27/11 04:59 PM	1 GAL	Sewer Service Line	93146	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266391	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4318 ST REGIS LN	04/27/11 12:00: AM (	04/27/11 02:37 PM	1 GAL	Sewer Service Line	99601	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266308	OFFERED CUSTOMER A COURTESY CLEAN TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6425 SIX MILE LN	04/27/11 12:00: AM (	04/27/11 11:51 AM	1 GAL	Sewer Service Line	BJ13283029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265956	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3117 POMEROY DR	04/27/11 12:00: AM (	04/27/11 11:47 AM	1 GAL	Sewer Service Line	BJ13927019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265939	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	9232 WENDELL CIR	04/27/11 6:00: AM	04/27/11 09:00 AM	1,000 GAL	Sewer Service Line	182000470000A	EXCESSIVE RAIN IN AREA	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253192	CUSTOMER CLEANED THE AREA	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR
MORRIS FORMAN	KY0022411	4211 ROOSEVELT AVE	04/27/11 6:30: AM	04/27/11 07:01 AM	1 GAL	Sewer Service Line	90041	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1252798	CUSTOMER CLEANED THE IMPACTED AREA	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
DEREK R. GUTHRIE	KY0078956	8203 SIESTA WAY	04/27/11 7:41: AM	04/27/11 07:41 AM	1 GAL	Sewer Service Line	PC12116029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266567	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2704 ALICE AVE	04/27/11 7:44: AM	04/27/11 07:44 AM	1 GAL	Sewer Service Line	081J00970000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266963	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6803 PALM TREE DR	04/27/11 8:09: AM	04/27/11 08:09 AM	1 GAL	Sewer Service Line	PB18227039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267008	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2721 SHANNON DR	04/27/11 8:16: AM	04/27/11 08:16 AM	1 GAL	Sewer Service Line	081J01170000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267015	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	315 HEMINGWAY RD	04/27/11 8:20: AM	04/27/11 08:20 AM	1 GAL	Sewer Service Line	197500540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267050	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4802 SUNDAY DR	04/27/11 8:24: AM	04/27/11 08:24 AM	1 GAL	Sewer Service Line	PB18164019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267062	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9709 GANDY RD	04/27/11 8:39: AM	04/27/11 08:39 AM	1 GAL	Sewer Service Line	38167	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267068	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2802 RIO RITA AVE	04/27/11 8:44: AM	04/27/11 08:44 AM	1 GAL	Sewer Service Line	88295	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267075	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3004 ROSELAWN BLVD	04/27/11 8:44: AM	04/27/11 08:44 AM	1 GAL	Sewer Service Line	89476	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267071	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	911 BROADFIELDS DR	04/27/11 8:52: AM	04/27/11 08:52 AM	1 GAL	Sewer Service Line	082X01600000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267082	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4507 SHELBYVILLE RD	04/27/11 8:55: AM	04/27/11 08:55 AM	1 GAL	Sewer Service Line	121234507	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266856	OFFERED CUSTOMER A COURTSEY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2800 BEXLEY CT	04/27/11 8:58: AM	04/27/11 08:58 AM	1 GAL	Sewer Service Line	088H01190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267089	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED CUSTOMER TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3602 DOWNING WAY	04/27/11 9:09: AM	04/27/11 09:09 AM	1 GAL	Sewer Service Line	27260	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267141	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2806 ALICE AVE	04/27/11 9:15: AM	04/27/11 09:15 AM	1 GAL	Sewer Service Line	081J02480000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267144	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3035 RADIANCE RD	04/27/11 9:15: AM	04/27/11 09:15 AM	1 GAL	Sewer Service Line	081M01650000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267063	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3911 NAPANEE RD	04/27/11 9:19: AM	04/27/11 07:19 PM	1 GAL	Sewer Service Line	74530	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267146	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3109 TREMONT DR	04/27/11 9:22: AM	04/27/11 09:22 AM	1 GAL	Sewer Service Line	087P00290000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267151	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	803 MCKINLEY AVE	04/27/11 9:29: AM	04/27/11 09:29 AM	1 GAL	Sewer Service Line	084H00630000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267168	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3008 ROSELAWN BLVD	04/27/11 9:29: AM (	04/27/11 09:29 AM	1 GAL	Sewer Service Line	89478	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267174	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3909 ALTON RD	04/27/11 9:32: AM (	04/27/11 09:32 AM	1 GAL	Sewer Service Line	052201230000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267181	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	606 ARMADALE PL	04/27/11 9:33: AM (	04/27/11 09:33 AM	1 GAL	Sewer Service Line	191706910000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267182	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2705 ALICE AVE	04/27/11 9:38: AM (	04/27/11 09:38 AM	1 GAL	Sewer Service Line	081J01100000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267190	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4910 SUNDAY DR	04/27/11 9:47: AM (	04/27/11 09:47 AM	1 GAL	Sewer Service Line	PB18177029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267210	OFFERED CUSTOMER A COURTSEY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	9514 TAYLORSVILLE RD	04/27/11 9:53: AM (	04/27/11 09:53 AM	1 GAL	Sewer Service Line	180100010000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267235	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5220 FAMOUS WAY	04/27/11 9:53: AM (	04/27/11 09:53 AM	1 GAL	Sewer Service Line	137907	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267212	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	9800 GANDY RD	04/27/11 10:04: AM (	04/27/11 10:04 AM	1 GAL	Sewer Service Line	38761	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267248	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2709 ALICE AVE	04/27/11 10:10: AM (	04/27/11 10:10 AM	1 GAL	Sewer Service Line	081J01460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264791	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2607 GOLDSMITH LN	04/27/11 10:14: AM (	04/27/11 10:14 AM	1 GAL	Sewer Service Line	081L00290000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267252	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2330 BRIGHTON DR	04/27/11 10:22: AM (	04/27/11 10:22 AM	1 GAL	Sewer Service Line	046500190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267572	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	719 ANTRIM RD	04/27/11 10:29: AM (	04/27/11 10:29 AM	1 GAL	Sewer Service Line	151508	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267577	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3045 BON AIR AVE	04/27/11 10:30: AM (	04/27/11 11:00 AM	1 GAL	Sewer Service Line	12220	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1252992	ADVISED CUSTOMER TO CALL BACK ONCE WATER HAD RECEDED AND IF THEY WANT A COURTESY CLEANUP	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
MORRIS FORMAN	KY0022411	3519 CAPRI DR	04/27/11 11:08: AM (	04/27/11 11:08 AM	1 GAL	Sewer Service Line	087F02370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267631	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3029 BON AIR AVE	04/27/11 11:23: AM (	04/27/11 11:23 AM	1 GAL	Sewer Service Line	081F00060000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267634	MSD CONTRACTOR CLEANED AND SANTIZIED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2229 BRIGHTON DR	04/27/11 11:24: AM (	04/27/11 11:24 AM	1 GAL	Sewer Service Line	12856	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267639	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1513 OCALA RD	04/27/11 11:28: AM (	04/27/11 11:28 AM	1 GAL	Sewer Service Line	77424	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267645	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	518 LYMINGTON CT	04/27/11 11:34: AM (	04/27/11 11:34 AM	1 GAL	Sewer Service Line	190505890000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267647	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2720 SHANNON DR	04/27/11 11:45: AM (	04/27/11 11:45 AM	1 GAL	Sewer Service Line	081J02460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267652	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	813 MCKINLEY AVE	04/27/11 11:47: AM (	04/27/11 11:47 AM	1 GAL	Sewer Service Line	74485	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267660	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	4008 IRON HORSE WAY	04/27/11 11:49: AM (	04/27/11 11:49 AM	1 GAL	Sewer Service Line	DD41217019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267665	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4631 SOUTHCREST DR	04/27/11 12:18: PM (	04/27/11 12:18 PM	1 GAL	Sewer Service Line	053K00090000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267672	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1843 DOUGLASS BLVD	04/27/11 12:19: PM (	04/27/11 12:19 PM	1 GAL	Sewer Service Line	43024	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265989	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4633 BEAVER RD	04/27/11 12:22: PM (	04/27/11 12:22 PM	1 GAL	Sewer Service Line	4806	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267682	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	307 BROMWICK CT	04/27/11 12:43: PM (	04/27/11 12:43 PM	1 GAL	Sewer Service Line	189005370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269682	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3029 BEAUMONT RD	04/27/11 12:48: PM (	04/27/11 12:48 PM	1 GAL	Sewer Service Line	081F00640000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269687	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1277 SPRINGDALE DR	04/27/11 12:53: PM (	04/27/11 12:53 PM	1 GAL	Sewer Service Line	98162	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269692	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	
DEREK R. GUTHRIE	KY0078956	7906 ANNELLA WAY	04/27/11 12:58: PM (	04/27/11 12:58 PM	1 GAL	Sewer Service Line	PC11302019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269704	MSD CONTRACTOR CLEANED AND SANTIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	303 OREAD RD	04/27/11 1:03: PM (	04/27/11 01:03 PM	1 GAL	Sewer Service Line	78499	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269711	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2810 ALICE AVE	04/27/11 1:14: PM (	04/27/11 01:14 PM	1 GAL	Sewer Service Line	1813	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269714	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4107 ELMWOOD AVE	04/27/11 1:15: PM (	04/27/11 01:41 PM	1 GAL	Sewer Service Line	157900150000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253131	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER OF SEWER CAPACITY ISSUE
MORRIS FORMAN	KY0022411	3111 COMMANDER DR	04/27/11 1:17: PM (	04/27/11 01:17 PM	1 GAL	Sewer Service Line	22825	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269721	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2621 DRAYTON DR	04/27/11 1:18: PM (	04/27/11 01:18 PM	1 GAL	Sewer Service Line	078L01060000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269728	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2310 MANCHESTER RD	04/27/11 1:20: PM (	04/27/11 01:20 PM	1 GAL	Sewer Service Line	046400190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267668	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3422 PEMAQUID RD	04/27/11 1:34: PM (	04/27/11 01:34 PM	1 GAL	Sewer Service Line	087G00830000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269739	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3003 DALE ANN DR	04/27/11 1:44: PM (	04/27/11 01:44 PM	1 GAL	Sewer Service Line	24183	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269742	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4413 HUNSINGER LN	04/27/11 1:45: PM (	04/27/11 01:45 PM	1 GAL	Sewer Service Line	187605410000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269747	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3217 WELLINGMOOR AVE	04/27/11 2:19: PM (	04/27/11 02:19 PM	1 GAL	Sewer Service Line	081L00390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269756	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HITE CREEK	KY0022420	11202 KENDALTON PL	04/27/11 3:00: PM (	04/27/11 03:49 PM	5 GAL	Sewer Service Line	162903450000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253293	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3224 EASTSIDE DR	04/27/11 3:39: PM (	04/27/11 03:39 PM	1 GAL	Sewer Service Line	189203780000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266362	CUSTOMER DENIED COURTESY CLEAN OFFER	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2704 ALICE AVE	04/27/11 4:00: PM	04/27/11 04:58 PM	5 GAL	Sewer Service Line	081J00970000A	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253318	NONE AT THIS TIME	ADVISED TO CALL MSD WHEN WATER RECEEDS
DEREK R. GUTHRIE	KY0078956	4505 ST RITA DR	04/27/11 5:00: PM	04/27/11 05:00 PM	1 GAL	Sewer Service Line	PC12371019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269764	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1800 GRANTHAM CT	04/27/11 5:09: PM	04/27/11 05:09 PM	1 GAL	Sewer Service Line	132249	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269769	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1800 CROSSGATE LN	04/27/11 5:13: PM	04/27/11 05:13 PM	1 GAL	Sewer Service Line	155600610000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269795	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	304 BROMWICK CT	04/27/11 5:23: PM (	04/27/11 05:23 PM	1 GAL	Sewer Service Line	189005430000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269808	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3717 STANTON BLVD	04/27/11 5:26: PM	04/27/11 05:26 PM	1 GAL	Sewer Service Line	98827	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269810	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2412 SIR JOHNS CT	04/27/11 5:29: PM (	04/27/11 05:29 PM	1 GAL	Sewer Service Line	188701770000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269813	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2309 WINSTON AVE	04/27/11 5:32: PM	04/27/11 05:32 PM	1 GAL	Sewer Service Line	045100030000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269816	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1810 GRANTHAM CT	04/27/11 5:38: PM	04/27/11 05:38 PM	1 GAL	Sewer Service Line	132258	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269817	OFFERED CUSTOMER A COURTSEY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HITE CREEK	KY0022420	4306 EVERSHEAD PL	04/27/11 7:31: PM	04/27/11 07:31 PM	1 GAL	Sewer Service Line	181943	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269826	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2214 HAWTHORNE AVE	04/27/11 7:55: PM (	04/27/11 07:55 PM	1 GAL	Sewer Service Line	081C00060000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269828	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3613 GOLDSMITH LN	04/27/11 7:58: PM (	04/27/11 07:58 PM	1 GAL	Sewer Service Line	082Z01360000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269829	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	2807 SIX MILE LN	04/27/11 8:00: PM	04/27/11 08:00 PM	1 GAL	Sewer Service Line	112852807	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269831	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	211 SEQUOYA RD	04/27/11 9:04: PM	04/27/11 09:04 PM	1 GAL	Sewer Service Line	93365	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269833	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4803 MILE OF SUNSHINE DR	04/28/11 12:00: AM (	04/28/11 04:10 AM	1 GAL	Sewer Service Line	PB18223019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263478	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA- SEE WO#1254777	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2700 ALICE AVE	04/28/11 12:00: AM	04/28/11 04:12 AM	1 GAL	Sewer Service Line	081J00960000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266256	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA WO#1255298	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	2241 DEVERON DR	04/28/11 11:00: AM	04/28/11 11:45 AM	1 GAL	Sewer Service Line	23490	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1253770	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1254769 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1324 LACONA LN	04/28/11 12:00: PM	04/28/11 12:30 PM	9 GAL	Sewer Service Line	087H01120000A	MAIN SEWER WAS AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253794	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	3017 TALISMAN RD	04/28/11 12:30: PM	04/28/11 10:57 PM	10 GAL	Sewer Service Line	081M00690000A	ROOT AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1253809	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254356 AND 1259298 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8917 MAPLECREEK DR	04/28/11 1:45: PM	04/28/11 02:15 PM	1 GAL	Sewer Service Line	PC07273029	SYSTEM AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254037	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3714 NOBLITT DR	04/28/11 3:00: PM	04/28/11 10:54 PM	1 GAL	Sewer Service Line	091E03490000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254296	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2229 BRIGHTON DR	04/28/11 4:15: PM	04/28/11 04:46 PM	5 GAL	Sewer Service Line	12856	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1253993	HAS NOT BEEN CLEANED AS YET	ADVISED TO CONTACT MSD FOR A CLEAN UP WHEN WATER RECEEDED
MORRIS FORMAN	KY0022411	3029 WENTWORTH AVE	04/28/11 5:16: PM	04/28/11 05:16 PM	1 GAL	Sewer Service Line	109084	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254026	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	601 WILDERNESS RD	04/28/11 5:30: PM	04/28/11 06:03 PM	1 GAL	Sewer Service Line	062H01020000A	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1254011	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1254284 AND 1256066 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4802 SUNDAY DR	04/28/11 5:45: PM (	04/28/11 06:15 PM	8 GAL	Sewer Service Line	PB18164019	SYSTEM AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254036	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	3500 MAYO DR	04/28/11 5:45: PM (	04/28/11 05:49 PM	2 GAL	Sewer Service Line	087F01950000A	GREASE ON PRIVATE PROPERTY AND MSD'S PORTIO OF SERVICE LINE	N GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1254008	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254614 - REMOVED GREASE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	1047 CRISTLAND RD	04/28/11 6:30: PM	04/28/11 07:00 PM	3 GAL	Sewer Service Line	181695	SYSTEM WAS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254157	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED AT THIS TIME BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	3103 KIPLING WAY	04/28/11 8:00: PM	04/28/11 08:36 PM	1 GAL	Sewer Service Line	081K00540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254085	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2401 AINTREE WAY	04/28/11 8:45: PM	04/28/11 09:00 PM	1 GAL	Sewer Service Line	188701450000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254044	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2824 DELL BROOKE AVE	04/28/11 9:00: PM	04/28/11 09:15 PM	1 GAL	Sewer Service Line	082Z01190000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254086	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1863 HARVARD DR	04/28/11 10:00: PM	04/28/11 10:35 PM	1 GAL	Sewer Service Line	50741	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254064	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1254066 AND 1262292 - ROOT CUT AND FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	2802 RIO RITA AVE	04/28/11 10:00: PM	04/28/11 10:22 PM	1 GAL	Sewer Service Line	88295	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254061	UNSURE OF CLEAN UP	ADVISED CUSTOMER OF COURTESY CLEAN UP
MORRIS FORMAN	KY0022411	1733 CHICHESTER AVE	04/29/11 9:07: AM	04/29/11 12:17 PM	1 GAL	Sewer Service Line	18512D	ROOTS ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1254348	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254371 - ROOT CUT THE PROPERTY SERVICE LINE
DEREK R. GUTHRIE	KY0078956	4808 GLENNA WAY	04/29/11 9:30: AM	04/29/11 10:15 AM	5 GAL	Sewer Service Line	PB18558019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1254243	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254251 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	803 MCKINLEY AVE	04/29/11 10:46: AM	04/29/11 10:53 AM	1 GAL	Sewer Service Line	084H00630000A	ROOTS ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1254282	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	8203 SIESTA WAY	04/29/11 1:28: PM	04/29/11 03:19 PM	5 GAL	Sewer Service Line	PC12116029	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254687	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1254694 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	417 WHITEHEATH LN	04/29/11 3:30: PM	04/29/11 04:15 PM	1 GAL	Sewer Service Line	191707400000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1254715	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254784 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	8203 SIESTA WAY	04/29/11 3:46: PM (	04/29/11 03:51 PM	1 GAL	Sewer Service Line	PC12116029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254682	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	3234 ROSEWEDGE WAY	04/29/11 11:45: PM (	04/30/11 12:16 AM	1 GAL	Sewer Service Line	124753234A	PRIVATE PROPERTY ISSUE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1254762	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	1115 GIRARD DR	04/30/11 10:01: AM (	04/30/11 10:14 AM	2 GAL	Sewer Service Line	177923	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1254801	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1254828 AND 1255497 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES #	Location	Date & Time	Date & Time	Overnow	Type							
MORRIS FORMAN	KY0022411	2802 RIO RITA AVE	04/30/11 12:57: PM	04/30/11 01:05 PM	2 GAL	Sewer Service Line	88295	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254808	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER MSD ACTION NEEDED
MORRIS FORMAN	KY0022411	3613 GOLDSMITH LN	04/30/11 2:40: PM	04/30/11 02:50 PM	2 GAL	Sewer Service Line	082Z01360000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1254799	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254798 AND 1254877 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	117 DANNY CT	05/01/11 2:27: PM	05/01/11 02:37 PM	2 GAL	Sewer Service Line	135805520000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1254878	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1255423 - RERPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	202 S LYNDON LN	05/02/11 9:14: AM	05/02/11 09:14 AM	1 GAL	Sewer Service Line	181879	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1280002	OFFERED A COURTESY CLEAN ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3612 WINDWARD WAY	05/02/11 10:30: AM	05/02/11 10:51 AM	1 GAL	Sewer Service Line	112537	AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1255417	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1255916 AND 1258748 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2502 PRESTON HWY	05/02/11 12:00: PM	05/02/11 03:13 PM	1 GAL	Sewer Service Line	85343	OBSTRUCTION IN MSD'S PORTION OF THE PROPERT'S SERVICE CONNECTION	Y OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1256095	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1256106, 12586660 AND 1259331 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1519 CRUMS LN	05/02/11 2:40: PM	05/22/11 02:52 PM	2 GAL	Sewer Service Line	142369	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1266573	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	4008 GINGERWOOD DR	05/02/11 3:16: PM	05/02/11 03:16 PM	1 GAL	Sewer Service Line	185302720000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1279982	OFFERED A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3907 ELFIN AVE	05/03/11 12:00: AM	05/03/11 08:47 AM	1 GAL	Sewer Service Line	025101410000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264364	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2727 SHANNON DR	05/03/11 12:00: AM	05/03/11 10:10 AM	1 GAL	Sewer Service Line	081J00900000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264075	MSD CONTRACTOR CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3301 HEATHER LN	05/03/11 12:00: AM	05/03/11 10:19 AM	1 GAL	Sewer Service Line	081L01170000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263944	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2217 GOLDSMITH LN	05/03/11 12:00: AM	05/03/11 10:58 AM	1 GAL	Sewer Service Line	081L01830000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265361	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3218 BON AIR AVE	05/03/11 12:00: AM	05/03/11 08:48 AM	1 GAL	Sewer Service Line	12273	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266503	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3930 BROOKFIELD AVE	05/03/11 12:00: AM	05/03/11 09:23 AM	1 GAL	Sewer Service Line	14659	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266470	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1407 TWIN RIDGE RD	05/03/11 12:00: AM	05/03/11 09:19 AM	1 GAL	Sewer Service Line	162136	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264802	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1001 WEYMOUTH CT	05/03/11 12:00: AM	05/03/11 12:04 PM	1 GAL	Sewer Service Line	168101130000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264779	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3224 EASTSIDE DR	05/03/11 12:00: AM	05/03/11 10:59 AM	1 GAL	Sewer Service Line	189203780000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266365	CUSTOMER DENIED COURTESY CLEAN OFFER	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	601 ARMADALE PL	05/03/11 12:00: AM	05/03/11 10:46 AM	1 GAL	Sewer Service Line	191706950000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265949	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4461 CHARLOTTE ANN DR	05/03/11 6:58: AM	05/03/11 06:58 AM	1 GAL	Sewer Service Line	124744461	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269973	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2412 SIR JOHNS CT	05/03/11 8:13: AM	05/03/11 08:13 AM	1 GAL	Sewer Service Line	188701770000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269991	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
SILVER HEIGHTS	KY0028801	9707 RANGER RD	05/03/11 8:20: AM	05/03/11 08:20 AM	1 GAL	Sewer Service Line	105479707	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269963	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3914 ELFIN AVE	05/03/11 8:48: AM	05/03/11 08:48 AM	1 GAL	Sewer Service Line	35651	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269998	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3215 BON AIR AVE	05/03/11 8:54: AM	05/03/11 08:54 AM	1 GAL	Sewer Service Line	081J01540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1 1270003	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
JEFFERSONTOWN	KY0025194	9809 COLONNADES PL	05/03/11 8:56: AM	05/03/11 08:56 AM	1 GAL	Sewer Service Line	256201990000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270004	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER RHAS RECECED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	302 BROMWICK CT	05/03/11 9:06: AM	05/03/11 09:06 AM	1 GAL	Sewer Service Line	189005420000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270007	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2702 ALICE AVE	05/03/11 9:19: AM	05/03/11 09:19 AM	1 GAL	Sewer Service Line	081J01470000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269835	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4011 GLOUCESTER RD	05/03/11 9:23: AM	05/03/11 09:23 AM	1 GAL	Sewer Service Line	132927	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270009	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2733 SHANNON DR	05/03/11 9:30: AM	05/03/11 09:54 AM	5 GAL	Sewer Service Line	93114	SYSTEM IS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1256958	ADVISED CUSTOMER TO CONTACT MSD ONCE WATER RECEEDS IF THEY WANT A COURTESY CLEAN	ADVISED TO CONTACT MSD BACK WHEN WATER GOES OUT
MORRIS FORMAN	KY0022411	4507 SHELBYVILLE RD	05/03/11 9:43: AM	05/03/11 09:43 AM	1 GAL	Sewer Service Line	121234507	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266862	OFFERED A CUSTOMER A COURTSEY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2721 SHANNON DR	05/03/11 9:45: AM	05/03/11 10:20 AM	5 GAL	Sewer Service Line	081J01170000A	SYSTEM AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1257851	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT MSD WHEN WATER GOES OUT
MORRIS FORMAN	KY0022411	3440 NEWBURG RD	05/03/11 9:57: AM	05/03/11 09:57 AM	1 GAL	Sewer Service Line	BU06155019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270027	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3011 RADIANCE RD	05/03/11 10:03: AM	05/03/11 10:03 AM	1 GAL	Sewer Service Line	081M01520000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270032	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2806 SHANNON DR	05/03/11 10:28: AM	05/03/11 10:28 AM	1 GAL	Sewer Service Line	082Y02450000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269839	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2107 RATCLIFFE AVE	05/03/11 10:37: AM	05/03/11 10:37 AM	1 GAL	Sewer Service Line	86480	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270079	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3406 LEITH LN	05/03/11 10:37: AM	05/03/11 10:37 AM	1 GAL	Sewer Service Line	BU07021049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269840	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	10811 ORELAND MILL RD	05/03/11 10:45: AM	05/03/11 10:45 AM	1 GAL	Sewer Service Line	175246	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270048	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	125 S EWING AVE	05/03/11 10:54: AM	05/03/11 10:54 AM	1 GAL	Sewer Service Line	31088	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1 1270080	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	8404 ARCHWOOD CT	05/03/11 10:55: AM	05/03/11 10:55 AM	1 GAL	Sewer Service Line	PC07082039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1 1270045	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1047 ALTA VISTA RD	05/03/11 11:01: AM	05/03/11 11:01 AM	1 GAL	Sewer Service Line	9881	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269842	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2623 DRAYTON DR	05/03/11 11:07: AM	05/03/11 11:07 AM	1 GAL	Sewer Service Line	179344	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1 1269844	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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Associated Wastewater Treatment Plant	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Name MORRIS FORMAN	KY0022411	2705 ALICE AVE	05/03/11 11:09: AM	05/03/11 11:09 AM	1 GAL	Sewer Service Line	081J01100000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267195	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	645 S 37TH ST	05/03/11 11:18: AM	05/03/11 11:18 AM	1 GAL	Sewer Service Line	127722	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270083	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4820 NOTTINGHAMSHIR E DR	05/03/11 11:20: AM	05/03/11 11:20 AM	1 GAL	Sewer Service Line	175188	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270086	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4822 NOTTINGHAMSHIR E DR	05/03/11 11:25: AM	05/03/11 11:25 AM	1 GAL	Sewer Service Line	175189	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270087	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2715 SHANNON DR	05/03/11 11:27: AM	05/03/11 11:27 AM	1 GAL	Sewer Service Line	081J01730000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270090	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4129 LARKWOOD AVE	05/03/11 11:47: AM	05/03/11 11:47 AM	1 GAL	Sewer Service Line	57808	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269845	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	725 E JACOB ST	05/03/11 12:06: PM	05/03/11 12:06 PM	1 GAL	Sewer Service Line	136151	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270093	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	7907 SHELBYVILLE RD	05/03/11 12:45: PM	05/03/11 12:45 PM	1 GAL	Sewer Service Line	175601	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270094	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	305 OXFORDSHIRE LN	05/03/11 1:39: PM	05/03/11 01:40 PM	1 GAL	Sewer Service Line	183301870000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1260995	ADVISED CUSTOMER TO CONTACT MSD BACK ONCE WATER RECEDES AND WANTS A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2407 MANCHESTER RD	05/03/11 1:49: PM	05/03/11 01:49 PM	1 GAL	Sewer Service Line	046600040000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269846	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	3812 GAYWOOD DR	05/03/11 2:02: PM	05/03/11 02:02 PM	1 GAL	Sewer Service Line	DD41354019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269848	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HITE CREEK	KY0022420	4400 MACKENZIE PL	05/03/11 2:51: PM	05/03/11 02:51 PM	1 GAL	Sewer Service Line	176208	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269850	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5009 BROADMOOR BLVD	05/03/11 3:14: PM	05/03/11 03:14 PM	1 GAL	Sewer Service Line	9790	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269851	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4543 SOUTHWESTERN PKY	05/03/11 4:02: PM	05/03/11 04:02 PM	1 GAL	Sewer Service Line	B06925019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269852	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2812 POMEROY DR	05/03/11 4:30: PM	05/03/11 04:30 PM	1 GAL	Sewer Service Line	091A01710000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269856	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4414 GREEN PINE DR	05/03/11 4:39: PM	05/03/11 04:39 PM	1 GAL	Sewer Service Line	199900330000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269861	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	218 ELDORADO AVE	05/03/11 5:11: PM	05/03/11 05:11 PM	1 GAL	Sewer Service Line	054600070000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270862	OFFERED CUSTOMER A COURTSEY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	1832 OLENDA AVE	05/03/11 5:54: PM	05/03/11 05:54 PM	1 GAL	Sewer Service Line	109202140000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269863	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	11206 FINCHLEY RD	05/03/11 6:24: PM	05/03/11 06:24 PM	1 GAL	Sewer Service Line	186304020000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269864	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	303 BRENTFORD CT	05/03/11 6:28: PM	05/03/11 06:28 PM	1 GAL	Sewer Service Line	189005570000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269865	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

1/12/2012

Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3415 PEMAQUID RD	05/03/11 7:30: PM (	05/03/11 07:47 PM	1 GAL	Sewer Service Line	087G00900000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258402	ADVISED CUSTOMER TO CONTACT MSD ONCE WATER RECEEDS IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	2229 BRIGHTON DR	05/03/11 8:18: PM (	05/03/11 08:18 PM	1 GAL	Sewer Service Line	12856	LACK OF SYSTEM CAPCITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267641	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	303 OREAD RD	05/04/11 1:15: AM (	05/04/11 01:45 PM	1 GAL	Sewer Service Line	78499	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1258613	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1258620 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3908 KENNISON AVE	05/04/11 9:50: AM (	05/04/11 01:44 PM	1 GAL	Sewer Service Line	51918	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1258578	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1259277 AND 1259720 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	304 BROMWICK CT	05/04/11 10:15: AM (	05/04/11 10:45 AM	1 GAL	Sewer Service Line	189005430000A	SYSTEM IS AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258656	ADVISED CUSTOMER TO CONTACT MSD ONCE WATER RECEEDS IF THEY WANT A COURTESY CLEAN	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	303 BRENTFORD CT	05/04/11 10:45: AM (	05/04/11 11:37 AM	10 GAL	Sewer Service Line	189005570000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1258666	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	1801 ALFRESCO PL	05/04/11 4:00: PM (	05/04/11 04:50 PM	1 GAL	Sewer Service Line	8287	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1259365	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1259368 AND 1259751 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3814 PARKER AVE	05/04/11 5:00: PM (	05/04/11 05:27 PM	1 GAL	Sewer Service Line	82277D	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1259380	CUSTOMER CLEANED THE IMPACTED AREA	CUSTOMER HAS FULL USAGE AT THIS TIME; BACKED UP DURING RAIN EVENT
MORRIS FORMAN	KY0022411	5009 BROADMOOR BLVD	05/04/11 5:45: PM (	05/04/11 06:06 PM	1 GAL	Sewer Service Line	9790	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1259386	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1259573 AND 1260077 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3713 GLENGYLE AVE	05/05/11 11:15: AM (	05/05/11 01:16 PM	1 GAL	Sewer Service Line	50646	PIPE IS BROKE DOWN AT THE TAP	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1259617	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1259677 AND 1260167 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND REPAIRED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	7906 ANNELLA WAY	05/05/11 3:00: PM (	05/05/11 03:29 PM	1 GAL	Sewer Service Line	PC11302019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1259739	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4416 CHARLOTTE ANN DR	05/06/11 11:45: AM (	05/06/11 12:17 PM	2 GAL	Sewer Service Line	124754416A	SYSTEM WAS AT CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1260066	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
MORRIS FORMAN	KY0022411	3319 EASTSIDE DR	05/06/11 4:55: PM (	05/06/11 05:16 PM	2 GAL	Sewer Service Line	189204320000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1260170	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1260180 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	202 S LYNDON LN	05/07/11 2:31: PM (	05/07/11 02:36 PM	2 GAL	Sewer Service Line	181879	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260241	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1260300 AND 1261256 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6912 TANGELO CT	05/08/11 12:25: AM (	05/08/11 01:45 AM	10 GAL	Sewer Service Line	175604	A SECTION OF MSD'S PIPE IS BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1260260	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1260663, 1269939 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2901 PIPER CT	05/08/11 8:07: AM (	05/08/11 08:25 AM	9 GAL	Sewer Service Line	084H00210000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260285	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1260483 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2220 GOLDSMITH LN	05/08/11 6:11: PM (	05/08/11 06:12 PM	10 GAL	Sewer Service Line	081L01150000A	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260315	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1260832, 1261037 AND 1267183 - ROOT CUT THE PROPERTY PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3710 GLENMEADE RD	05/09/11 10:45: AM (	05/09/11 11:12 AM	1 GAL	Sewer Service Line	49028	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260560	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1261123 AND 1261867 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2220 GOLDSMITH LN	05/09/11 7:05: PM (	05/09/11 07:38 PM	2 GAL	Sewer Service Line	081L01150000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260831	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1261036 AND 1267183 - ROOT CUT AND OPEN THE LINE
DEREK R. GUTHRIE	KY0078956	11002 ORELAND MILL RD	05/09/11 10:33: PM (	05/09/11 10:38 PM	2 GAL	Sewer Service Line	174696	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260837	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1261053 AND 1262197 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated							T					
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1644 W KENTUCKY ST	05/10/11 1:30: PM (	05/10/11 02:31 PM	1 GAL	Sewer Service Line	55152	TOP OF THE MSD'S SERVICE CONNECTION IS MISSING	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1261220	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1261207 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	11801 WETHERBY AVE	05/10/11 5:03: PM (	05/10/11 05:04 PM	1 GAL	Sewer Service Line	028900170000A	ROOTS ON MSD'S PROPERTY OF THE PROEPRTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1261316	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1261314 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3126 LYNNWOOD WAY	05/10/11 6:32: PM (	05/10/11 06:47 PM	35 GAL	Sewer Service Line	JT00369439	CLEANOUT BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1261360	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1261359 - REPLACED THE CLEANOUT
MORRIS FORMAN	KY0022411	3005 BUSHMILL PARK	05/11/11 11:30: AM (	05/11/11 12:04 PM	1 GAL	Sewer Service Line	103153005	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1261645	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1261650 - ROOT CUT MAIN SEWER AND OPENED
MORRIS FORMAN	KY0022411	649 S 41ST ST	05/11/11 4:19: PM (	05/11/11 04:25 PM	1 GAL	Sewer Service Line	B10668029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1261860	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1261865 - FLUSHED AND OPEN THE LINE
MORRIS FORMAN	KY0022411	307 KINNAIRD LN	05/11/11 6:31: PM (	05/11/11 08:37 PM	1 GAL	Sewer Main	00708-ST	FURTHER INVESTIGATION NEEDED	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1261898	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION
DEREK R. GUTHRIE	KY0078956	13503 LAVERTON AVE	05/11/11 7:00: PM (	05/11/11 07:30 PM	1 GAL	Sewer Service Line	DD71626019	ROOTS IN MSD PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1261891	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1262190 AND 1262194 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5516 REFLECTION DR	05/12/11 8:45: AM (	05/12/11 09:08 AM	1 GAL	Sewer Service Line	094900190000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1262023	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1262085 - FLUSHED AND OPEN THE LINE ON MSD AND ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	9019 WANLOU DR	05/12/11 3:15: PM (	05/12/11 03:32 PM	1 GAL	Sewer Service Line	DC51156019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1262283	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1262535 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2379 HAWTHORNE AVE	05/12/11 9:00: PM (	05/12/11 10:10 PM	1 GAL	Sewer Service Line	081B00280000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1262367	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1262632, 1262764 AND 1263133 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4009 BROWNLEE RD	05/13/11 4:45: PM (	05/13/11 10:30 PM	6 GAL	Sewer Service Line	052201170000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1262716	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 126717 - FLUSHED AND OPEN THE MAIN SEWER
JEFFERSONTOWN	KY0025194	10712 LINN STATION RD	05/14/11 12:19: PM (	05/14/11 12:29 PM	2 GAL	Sewer Service Line	MT29586029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1262760	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1262827 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1258 DURRETT LN	05/14/11 5:00: PM (	05/14/11 05:25 PM	1 GAL	Sewer Service Line	085L00530000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1262777	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1262945 AND 1263143 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	318 W SOUTHSIDE CT	05/15/11 7:30: PM (	05/15/11 09:10 PM	1 GAL	Sewer Service Line	96446	ROCKS, BRICKS AND DEBRIS IN MSD'S CLEANOUT	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1262951	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1262951 AND 1263088 - VACTOR AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	404 ALLISON RD	05/16/11 10:15: AM (	05/16/11 11:14 AM	1 GAL	Sewer Service Line	1491	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1263075	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1263078 - ROOT CUT MSD PORTION AND REMOVED ROOTS
MORRIS FORMAN	KY0022411	2700 GOLDSMITH LN	05/16/11 12:45: PM (	05/16/11 01:16 PM	1 GAL	Sewer Service Line	081L00850000A	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1263166	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1263266 - REMOVED OBSTRUCTION AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3301 LINNET RD	05/16/11 8:37: PM (	05/16/11 08:42 PM	1 GAL	Sewer Service Line	61040	ROOTS AT THE TAP AND AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1263336	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1263600 AND 1266108 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2900 GLEN HILL CT	05/17/11 12:45: PM (	05/17/11 01:13 PM	1 GAL	Sewer Service Line	114642900	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICEC CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1263558	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1264045 AND 1266324 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	10302 CAVEN AVE	05/17/11 9:54: PM (	05/17/11 10:19 PM	2 GAL	Sewer Service Line	PD04850019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1263722	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1263724 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5711 EMMALEE DR	05/18/11 5:45: PM (	05/18/11 06:11 PM	1 GAL	Sewer Service Line	087100070000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1264164	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1264317, 1265846 AND 1266056 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated	Associated												
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	_	6101 KIRKWOOD CT	05/19/11 7:30: PM	05/19/11 07:46 PM	1 GAL	Sewer Service Line	175263	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1264917	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1265005 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1639 EHRLER DR	05/20/11 9:00: AM	05/20/11 09:34 AM	1 GAL	Sewer Service Line	086B00700000A	HEAVY ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1265013	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1265606 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	7011 SHAREITH DR	05/20/11 12:45: PM	05/20/11 02:22 PM	1 GAL	Sewer Service Line	PB16745019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1265843	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1265845 - ROOT CUT MAIN SEWER ON SIDE
DEREK R. GUTHRIE	KY0078956	8281 DORINDA DR	05/20/11 12:46: PM	05/20/11 01:04 PM	2 GAL	Sewer Service Line	125598281	OBSTRUCTION (PAINT ROLLERS) ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1265835	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1265833 - REMOVED OBSTRUCTION AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4012 WHITE PLAINS CT	05/21/11 11:45: PM (	05/22/11 12:10 AM	10 GAL	Sewer Service Line	091A02360000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTIONN AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1266099	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1266119 AND 1266384 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7101 GREENLAWN RD	05/23/11 12:00: PM (	05/23/11 12:26 PM	1 GAL	Sewer Service Line	34087	MSD CONTRACTOR FLUSHING LINES	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1266393	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATIONN INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4700 QUINN DR	05/23/11 12:30: PM (	05/23/11 01:10 PM	1 GAL	Sewer Service Line	102007050000A	A SECTION OF THE PIPE IS BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1266418	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1266428 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3404 PEMAQUID RD	05/23/11 8:39: PM (	05/23/11 08:53 PM	15 GAL	Sewer Service Line	BU06983039	SECTION OF THE PIPE IS LEAKING CAUSING TO UNDERMINE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1266674	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1266661 AND 1267041 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2421 WOODMONT DR	05/23/11 10:54: PM	05/23/11 11:13 PM	2 GAL	Sewer Service Line	089H01110000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1266677	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1269912 - FLUSHED THE CLEANOUT
MORRIS FORMAN	KY0022411	2330 BROOKSIDE DR	05/24/11 9:15: AM	05/24/11 10:06 AM	1 GAL	Sewer Service Line	16104	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1266889	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 167517 - REPAIRED MSD'S PORTION OF THE PROPERTY SERVICE CONNECITON AND INSTALLED A 2-WAY CLEANOUT; ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	9713 LANESBORO WAY	05/24/11 10:36: AM	05/24/11 10:37 AM	1 GAL	Sewer Service Line	179527	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1266925	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1266930 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2922 BEAUMONT RD	05/24/11 8:04: PM	05/24/11 08:10 PM	4 GAL	Sewer Service Line	4601	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1267291	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1267627 AND 1267632 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2901 ABIGAIL DR	05/25/11 11:30: AM	05/25/11 11:59 AM	1 GAL	Sewer Service Line	082A01240000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1267504	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1267605 AND 1269730 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2924 BEAUMONT RD	05/25/11 5:00: PM	05/25/11 05:51 PM	1 GAL	Sewer Service Line	081F00430000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1267718	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1267717 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	9301 TAYLORSVILLE RD	05/25/11 6:00: PM	05/25/11 06:23 PM	1 GAL	Sewer Service Line	003802940000A	GREASE OBSTRUCTION ON PRIVATE PROPERTY	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1267725	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1269506 - FLSHED CUSTOMER CLEANOUT AND GOT OPEN
MORRIS FORMAN	KY0022411	2401 AINTREE WAY	05/26/11 12:00: PM	05/26/11 01:31 PM	1 GAL	Sewer Service Line	188701450000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1269567	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1269572 AND 1279579 - ROOT CUT MAIN SEWER TO OPEN
DEREK R. GUTHRIE	KY0078956	9513 WOOD HOLLOW RD	05/26/11 12:45: PM	05/26/11 01:29 PM	1 GAL	Sewer Service Line	PD25434099	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1269623	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDER 1269628 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	11820 OLDE SPRING RD	05/27/11 12:30: PM	05/27/11 01:24 PM	1 GAL	Sewer Service Line	168701050000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND THE SHARED JOINT	ROOTS	DISDW DRY WEATHER DISCHARGE	1270114	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1270112 AND 1272062 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1717 EDENSIDE AVE	05/28/11 2:20: PM	05/28/11 02:33 PM	2 GAL	Sewer Service Line	30825	MSD HAS BROKEN PIPE ON IT'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1270980	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1271011 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1032 SALE AVE	05/28/11 2:51: PM	05/28/11 02:59 PM	1 GAL	Sewer Service Line	052A01360000A	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1270989	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1270997 AND 1274783 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
Name DEREK R. GUTHRIE		1015 CHESLEY DR	05/28/11 10:00: PM	05/28/11 10:33 PM	1 GAL	Sewer Service Line	136415	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1272171	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE	KY0078956	2412 DULWORTH DR	05/31/11 12:30: AM	05/31/11 01:17 AM	1 GAL	Sewer Service Line		OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1271086	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1271123 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3132 SUDBURY LN	05/31/11 11:30: AM	05/31/11 08:02 PM	1 GAL	Sewer Service Line	100893	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1271480	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1271288 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9205 TRENTHAM LN	05/31/11 2:00: PM	05/31/11 08:57 PM	1 GAL	Sewer Service Line	164015	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1271390	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1271387 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	320 KILMORY AVE	05/31/11 4:30: PM	05/31/11 07:18 PM	1 GAL	Sewer Service Line	53825	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1271471	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1271464 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5106 STONY BROOK DR	06/01/11 12:45: PM	06/01/11 01:19 PM	1 GAL	Sewer Service Line	BE08918269	ROOTS ON MDS'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1271933	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1272392 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3031 DUMESNIL ST	06/02/11 3:02: PM	06/02/11 03:18 PM	2 GAL	Sewer Service Line	28970	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1272694	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA	WORK ORDERS 1272707 AND 1273695 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2330 GRAND AVE	06/02/11 5:31: PM	06/02/11 05:32 PM	1 GAL	Sewer Service Line	35448	STRUCTURAL DAMAGE ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1272752	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1273415 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2806 MONTANA AVE	06/03/11 1:01: PM	06/03/11 01:24 PM	10 GAL	Sewer Service Line	71940	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1273589	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1273551 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	1306 BENTWOOD WAY	06/05/11 3:17: PM	06/05/11 03:27 PM	1 GAL	Sewer Service Line		ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1273851	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1273849 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6711 COPRA LN	06/05/11 7:00: PM	06/05/11 07:46 PM	1 GAL	Sewer Service Line	PB17866019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1273878	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1274845 AND 1276962 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANUOT
MORRIS FORMAN	KY0022411	649 S 41ST ST	06/06/11 9:15: AM	06/06/11 09:44 AM	1 GAL	Sewer Service Line		OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1274747	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1274755 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3640 KELLY WAY	06/06/11 7:45: PM	06/06/11 07:53 PM	1 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1275098	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1275645 AND 1276226 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	904 WICKSBURY PL	06/07/11 10:15: AM	06/07/11 11:01 AM	1 GAL	Sewer Service Line		OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1275695	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1275702 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	10700 TORRINGTON RD	06/07/11 1:45: PM	06/07/11 02:32 PM	20 GAL	Sewer Service Line	907538A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1275878	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1275886 - FLUSHED LINE AND OPENED
MORRIS FORMAN	KY0022411	5209 GATHWRIGHT DR	06/07/11 5:55: PM	06/07/11 06:10 PM	2 GAL	Sewer Service Line	210400150000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1276005	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1275961 AND 1279028 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	4018 GLENHURST AVE	06/08/11 5:15: PM	06/08/11 05:43 PM	1 GAL	Sewer Service Line	S354018	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1277678	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1277680 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6008 MORNING GLORY LN	06/08/11 6:30: PM	06/08/11 06:57 PM	1 GAL	Sewer Service Line		OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1277684	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1277804 AND 1278916 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	10812 GOLDEN DR	06/09/11 9:52: AM	06/09/11 09:54 AM	1 GAL	Sewer Service Line	9075393	ROBINSON PIPE CLEANNING BACK WASHED SEWAGE IN CUSTOMER'S HOME	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1277803	CUSTOMER CLEANED IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2106 LANCASHIRE AVE	06/09/11 11:15: AM	06/09/11 11:59 AM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1277882	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1277974, 1278326 AND 1278038 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO # Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4302 CONAEM DR	06/09/11 2:00: PM	06/09/11 02:36 PM	1 GAL	Sewer Service Line	24759	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1278015 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1278021 AND 1278292 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4214 MANNER DALE DR	06/10/11 8:00: PM	06/10/11 08:21 PM	1 GAL	Sewer Service Line	BJ14275019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1278599 MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1278634, 1278676 AND 1278678 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3437 ALGONQUIN PKY	06/11/11 5:00: PM	06/11/11 05:25 PM	1 GAL	Sewer Service Line	3038	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1278649 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1278650 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2111 LEAHURST CT	06/13/11 9:00: AM	06/13/11 09:32 AM	1 GAL	Sewer Service Line	96652111	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1278798 MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED	WORK ORDER 1279350 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	5211 RURAL WAY	06/13/11 4:50: PM	06/13/11 05:05 PM	2 GAL	Sewer Service Line	91375	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1279069 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1278049 AND 1279408 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3316 ENRIDGE DR	06/15/11 6:15: PM	06/15/11 06:38 PM	1 GAL	Sewer Service Line	186704480000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1280070 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1280163 AND 1285010 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2851 KLONDIKE LN	06/16/11 11:00: AM	06/16/11 11:15 AM	1 GAL	Sewer Service Line	091E03600000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1280233 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1280574 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1710 KENNEDY RD	06/16/11 1:15: PM	06/16/11 02:15 PM	1 GAL	Sewer Service Line	51872	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1280306 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1280392, 1281294 AND 1288332 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4304 CHURCHILL RD	06/17/11 8:30: AM	06/17/11 09:01 AM	1 GAL	Sewer Service Line	052401230000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1280491 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1280915 AND 1281353 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	6113 COOPER CHAPEL RD	06/18/11 9:40: AM	06/18/11 10:36 AM	2 GAL	Sewer Service Line	172255	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1281337 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1281336 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	326 WINTON AVE	06/19/11 11:30: AM	06/19/11 11:40 AM	1 GAL	Sewer Service Line	113336D	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1281377 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1281375 AND 1284935 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5008 LESABRE DR	06/19/11 10:30: PM	06/19/11 10:57 PM	3 GAL	Sewer Service Line	90825008A	GREASE IN MSD'S PORTIONN OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1281458 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1281457 - FLUSHED GREASE FROM THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	5203 ROOKWOOD AVE	06/20/11 2:16: PM	06/20/11 02:17 PM	1 GAL	Sewer Service Line	089704150000A	ROOT ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1284626 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1284627 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1708 VALLEY FORGE WAY	06/20/11 5:15: PM	06/20/11 05:21 PM	15 GAL	Sewer Service Line	105368	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1284743 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1284894 AND 1285601 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	4533 SHENANDOAH DR	06/21/11 6:25: PM	06/21/11 06:30 PM	3 GAL	Sewer Service Line	165605590000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1285226 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1285438 AND 1293030 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3108 DUNDEE RD	06/21/11 8:47: PM	06/21/11 08:57 PM	3 GAL	Sewer Service Line	30691	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1285219 CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	130 N 40TH ST	06/21/11 9:25: PM	06/21/11 09:26 PM	2 GAL	Sewer Service Line	128524	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1 1285211 CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	7401 ST ANTHONY CHURCH RD	06/22/11 10:45: AM	06/22/11 11:40 AM	3 GAL	Sewer Service Line	114437401	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1285500 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1285509 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2811 BARDSTOWN RD	06/22/11 12:01: PM	06/22/11 12:02 PM	1 GAL	Sewer Service Line	22741	CREWS FULSHING MAIN SEWERS IN PM PROGRAM	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1285516 CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IF HAVING FURTHER TROUBLE
MORRIS FORMAN	KY0022411	3509 KERRY DR	06/22/11 1:30: PM	06/22/11 01:42 PM	1 GAL	Sewer Service Line	53011	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1285577 CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1285628 AND 1287488 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	6904 SANDSTONE BLVD	06/22/11 2:46: PM	06/22/11 03:54 PM	1 GAL	Sewer Service Line	164355	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1285650	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1287569 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4302 CHURCHILL RD	06/22/11 6:00: PM	06/22/11 06:23 PM	1 GAL	Sewer Service Line	052401340000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1285746	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1289115 AND 1290960 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTIONN AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	600 COLORADO AVE	06/22/11 11:30: PM	06/22/11 11:41 PM	3 GAL	Sewer Service Line	21328	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287567	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5417 SOUTHERN PKY	06/23/11 12:00: AM	06/23/11 10:11 AM	1 GAL	Sewer Service Line	060F00140000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287985	CUSTOMER DECLINED COURTESY CLEANING	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2924 FIELD AVE	06/23/11 12:00: AM	06/23/11 03:25 PM	1 GAL	Sewer Service Line	40472	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287955	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2914 RIEDLING DR	06/23/11 12:00: AM	06/23/11 09:00 AM	1 GAL	Sewer Service Line	88038	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287991	ADVISED CUSTOMER TO CALL BACK IF THEY ACCEPT THE COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4606 ATTERBERRY CT	06/23/11 12:30: AM	06/23/11 12:40 AM	1 GAL	Sewer Service Line	377	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287909	OFFERED A COURTESY CLEAN AND ADVISED CUSTOMER TO CALL BACK IF THEY ACCEPT	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4140 HILLVIEW AVE	06/23/11 12:30: AM	06/23/11 12:30 AM	1 GAL	Sewer Service Line	55218	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287980	CUSTOMER CLEANED THE IMPACTED AREA - CUSTOMER DECLINED THE COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1211 CARRICO AVE	06/23/11 12:40: AM	06/23/11 12:47 AM	5 GAL	Sewer Service Line	164085	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287515	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4142 HILLVIEW AVE	06/23/11 12:50: AM	06/23/11 01:00 AM	1 GAL	Sewer Service Line	55554	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287983	CUSTOMER DECLINED COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	509 FORUM AVE	06/23/11 1:10: AM	06/23/11 01:10 AM	1 GAL	Sewer Service Line	34760	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287969	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4606 SOUTHERN PKY	06/23/11 8:00: AM	06/23/11 09:46 AM	1 GAL	Sewer Service Line	053K00990000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287628	ADVISED CUSTOMER TO CALL BACK IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1128 BROOKLINE AVE	06/23/11 8:46: AM	06/23/11 08:47 AM	1 GAL	Sewer Service Line	15754	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288529	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3829 SOUTHERN PKY	06/23/11 9:19: AM	06/23/11 09:19 AM	1 GAL	Sewer Service Line	055E00070000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288508	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4902 SOUTHERN PKY	06/23/11 9:28: AM	06/23/11 09:28 AM	1 GAL	Sewer Service Line	054J00460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287993	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4720 S 2ND ST	06/23/11 9:57: AM	06/23/11 09:57 AM	1 GAL	Sewer Service Line	058C00570000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288534	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	512 FORUM AVE	06/23/11 10:03: AM	06/23/11 10:03 AM	1 GAL	Sewer Service Line	060G00700000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288523	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	420 W KINGSTON AVE	06/23/11 10:14: AM	06/23/11 10:14 AM	1 GAL	Sewer Service Line	060G00230000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287601	ADVISED CUSTOMER TO CALL BACK IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	3410 SUMAC RD	06/23/11 10:38: AM	06/23/11 10:38 AM	1 GAL	Sewer Service Line	124763410B	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288601	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6504 OAK VALLEY DR	06/23/11 10:41: AM	06/23/11 10:41 AM	1 GAL	Sewer Service Line	90406504	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288624	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4402 ESTATE DR	06/23/11 10:43: AM (	06/23/11 10:43 AM	1 GAL	Sewer Service Line	131450	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288615	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4028 TAYLOR BLVD	06/23/11 10:57: AM (	06/23/11 10:57 AM	1 GAL	Sewer Service Line	103323	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288612	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4030 TAYLOR BLVD	06/23/11 10:59: AM (	06/23/11 10:59 AM	1 GAL	Sewer Service Line	103361	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288607	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4048 TAYLOR BLVD	06/23/11 11:00: AM (	06/23/11 11:00 AM	1 GAL	Sewer Service Line	066A00940000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288604	MSD CONTRACTOR CLEANED AND SANTIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4046 TAYLOR BLVD	06/23/11 11:02: AM (	06/23/11 11:02 AM	1 GAL	Sewer Service Line	066A00200000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288588	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4023 TAYLOR BLVD	06/23/11 11:03: AM (	06/23/11 11:03 AM	1 GAL	Sewer Service Line	103310	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288583	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4709 S 3RD ST	06/23/11 11:19: AM (	06/23/11 11:19 AM	1 GAL	Sewer Service Line	058C00460000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288563	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	416 W KINGSTON AVE	06/23/11 11:20: AM (	06/23/11 11:20 AM	1 GAL	Sewer Service Line	060G00250000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288576	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4825 S 5TH ST	06/23/11 11:24: AM (	06/23/11 11:24 AM	1 GAL	Sewer Service Line	058A00710000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288617	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1211 CARRICO AVE	06/23/11 11:25: AM (	06/23/11 11:25 AM	1 GAL	Sewer Service Line	164085	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288628	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	514 FORUM AVE	06/23/11 11:29: AM (	06/23/11 11:29 AM	1 GAL	Sewer Service Line	060G00690000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288651	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	3212 WESSEL RD	06/23/11 11:37: AM (	06/23/11 11:37 AM	1 GAL	Sewer Service Line	109299	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288692	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5606 W SOUTHLAND BLVD	06/23/11 11:41: AM (	06/23/11 11:41 AM	1 GAL	Sewer Service Line	96193	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288690	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	528 FORUM AVE	06/23/11 11:46: AM (	06/23/11 11:46 AM	1 GAL	Sewer Service Line	060G00540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288687	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4716 S 2ND ST	06/23/11 11:48: AM (	06/23/11 11:48 AM	1 GAL	Sewer Service Line	058C00590000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288695	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	520 W WOODLAWN AVE	06/23/11 11:50: AM (	06/23/11 11:50 AM	1 GAL	Sewer Service Line	114332	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288670	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1270 WELLER AVE	06/23/11 11:52: AM (	06/23/11 11:52 AM	1 GAL	Sewer Service Line	063B01320000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288674	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4044 ORMOND RD	06/23/11 11:53: AM (	06/23/11 11:53 AM	1 GAL	Sewer Service Line	78949	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288672	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1208 MANITAU AVE	06/23/11 12:00: PM (	06/23/11 12:00 PM	1 GAL	Sewer Service Line	053F00200000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288681	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED THE AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4811 S 5TH ST	06/23/11 12:03: PM (	06/23/11 12:03 PM	1 GAL	Sewer Service Line	119299	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288668	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	505 FORUM AVE	06/23/11 12:55: PM	06/23/11 12:55 PM	1 GAL	Sewer Service Line	34744	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288784	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	2033 LYNN LEA RD	06/23/11 1:38: PM	06/23/11 01:39 PM	10 GAL	Sewer Service Line	63671	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287500	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	517 W KINGSTON AVE	06/23/11 1:53: PM	06/23/11 01:53 PM	1 GAL	Sewer Service Line	060A00370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288806	ADVISED CUSTOMER A COURTESY CLEAN AND CALL BACK IF THEY WANT TO ACCEPT	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2906 THISTLEWOOD DR	06/23/11 2:48: PM	06/23/11 02:48 PM	1 GAL	Sewer Service Line	088E02490000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288797	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1218 MANITAU AVE	06/23/11 3:04: PM	06/23/11 03:04 PM	1 GAL	Sewer Service Line	053F00150000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288800	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1525 HASKIN AVE	06/23/11 3:05: PM	06/23/11 03:05 PM	1 GAL	Sewer Service Line	38971525	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288773	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	4105 NORTH LN	06/23/11 3:14: PM	06/23/11 03:14 PM	1 GAL	Sewer Service Line	101504080000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288808	MSC CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1300 OAKWOOD AVE	06/23/11 3:25: PM	06/23/11 03:25 PM	1 GAL	Sewer Service Line	33271300	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288776	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1440 SHINGO AVE	06/23/11 3:27: PM	06/23/11 03:27 PM	1 GAL	Sewer Service Line	067D01640000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288790	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3606 WHEELER AVE	06/23/11 3:51: PM	06/23/11 03:51 PM		Sewer Service Line	065E01060000A		LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288816		
MORRIS FORMAN	KY0022411	526 COLORADO AVE	06/23/11 3:55: PM	06/23/11 03:55 PM	1 GAL	Sewer Service Line	21566	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288830	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	5304 GALAXIE DR	06/23/11 4:06: PM	06/23/11 04:06 PM	1 GAL	Sewer Service Line	124445304B	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288862	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5640 SOUTHERN PKY	06/23/11 4:07: PM	06/23/11 04:07 PM		Sewer Service Line	054D00260000A		LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288836		
MORRIS FORMAN	KY0022411	519 W KINGSTON AVE	06/23/11 4:32: PM	06/23/11 04:33 PM	1 GAL	Sewer Service Line	060A00360000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287637	CUSTOMER CLEANED IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	1085 BICKNELL AVE	06/23/11 4:34: PM	06/23/11 04:34 PM	1 GAL	Sewer Service Line	8653	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288865	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4707 S RUTLAND AVE	06/23/11 4:51: PM	06/23/11 05:00 PM	1 GAL	Sewer Service Line	35774707	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288221	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	526 DENMARK ST	06/23/11 6:00: PM	06/23/11 06:30 PM	1 GAL	Sewer Service Line	052F00910000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287673	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2229 FAIRLAND AVE	06/23/11 6:53: PM	06/23/11 06:54 PM	1 GAL	Sewer Service Line	050000040000A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1287676	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1287884 AND 1288331 - ROOT CUT AND REPAIRED THE PROPERTY SERFICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1505 HOMEVIEW DR	06/23/11 10:00: PM	06/23/11 10:48 PM	1 GAL	Sewer Service Line	063F01250000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287710	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2907 THISTLEWOOD DR	06/24/11 3:30: AM	06/24/11 04:03 AM	1 GAL	Sewer Service Line	088E02480000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287718	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	217 W SOUTHLAND BLVD	06/24/11 9:30: AM (	06/24/11 09:30 AM	1 GAL	Sewer Service Line	158222	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289181	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	6508 OAK VALLEY DR	06/24/11 11:43: AM (	06/24/11 11:43 AM	1 GAL	Sewer Service Line	90406508	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289187	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	722 BROOKLINE AVE	06/24/11 11:48: AM (	06/24/11 11:48 AM	1 GAL	Sewer Service Line	15528	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289193	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	410 IOWA AVE	06/24/11 11:56: AM (	06/24/11 11:56 AM	1 GAL	Sewer Service Line	50583	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289198	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE	KY0078956	10116 W MANSLICK RD	06/24/11 1:39: PM (	06/24/11 01:47 PM	1 GAL	Sewer Service Line	AU13449029	SECTION OF PIPE BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1288224	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1288004 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	409 W KINGSTON AVE	06/24/11 2:30: PM (	06/24/11 02:30 PM	1 GAL	Sewer Service Line	060A00710000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289211	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5601 MORRISON AVE	06/24/11 2:49: PM (	06/24/11 02:49 PM	1 GAL	Sewer Service Line	061A00880000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289202	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1006 OAKWOOD AVE	06/24/11 2:57: PM (	06/24/11 02:57 PM	1 GAL	Sewer Service Line	054B00550000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289226	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4928 SOUTHERN PKY	06/24/11 3:00: PM (	06/24/11 03:16 PM	1 GAL	Sewer Service Line	054J00170000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288200	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5009 SOUTHSIDE DR	06/24/11 3:23: PM (	06/24/11 03:25 PM	1 GAL	Sewer Service Line	059C00080000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288205	CUSTOMER CLEANED THE IMPACTED AREA AND DECLINED THE COURTESY CLEANING	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4727 S 6TH ST	06/24/11 3:42: PM (	06/24/11 03:42 PM	1 GAL	Sewer Service Line	120440	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289217	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4725 S 3RD ST	06/24/11 3:53: PM (	06/24/11 03:53 PM	1 GAL	Sewer Service Line	058C00400000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288216	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4712 S 3RD ST	06/24/11 4:20: PM (	06/24/11 04:26 PM	1 GAL	Sewer Service Line	058C00220000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288227	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	419 W KINGSTON AVE	06/25/11 8:20: AM (	06/25/11 08:20 AM	1 GAL	Sewer Service Line	060A00660000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289318	MSD CONTRACTOR CLEANED AND SANTIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1914 WINSTON AVE	06/25/11 9:54: AM (	06/25/11 11:06 AM	2 GAL	Sewer Service Line	080F00320000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1288314	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1288317 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	4032 TAYLOR BLVD	06/25/11 6:00: PM (	06/25/11 06:18 PM	1 GAL	Sewer Service Line	103356	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288352	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	1220 BICKNELL AVE	06/27/11 10:15: AM (	06/27/11 11:00 AM	9 GAL	Sewer Service Line	053G00400000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288648	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	600 COLORADO AVE	06/27/11 11:05: AM (	06/27/11 11:05 AM	1 GAL	Sewer Service Line	21328	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289374	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1224 BICKNELL AVE	06/27/11 11:16: AM (	06/27/11 11:16 AM	1 GAL	Sewer Service Line	053G00390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289372	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1118 S 32ND ST	06/27/11 1:45: PM (	06/27/11 02:08 PM	1 GAL	Sewer Service Line	045F00310000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288774	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3664 WOODRUFF AVE	06/27/11 4:40: PM (	06/27/11 04:44 PM	2 GAL	Sewer Service Line	065B00590000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288935	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1117 GIRARD DR	06/27/11 5:05: PM (	06/27/11 05:11 PM	1 GAL	Sewer Service Line	177922	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1288932	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1289336 AND 1289721 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5007 ANA TER	06/27/11 8:49: PM	06/27/11 09:10 PM	1 GAL	Sewer Service Line	1465	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1288915	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1289114 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	2528 HAMPSTEAD DR	06/28/11 11:39: AM	06/28/11 11:45 AM	2 GAL	Sewer Service Line	39282	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1291223	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1289180 AND 1289786 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3913 BENJE WAY	06/28/11 11:45: AM	06/28/11 12:20 PM	1 GAL	Sewer Service Line	160600850000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1289223	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1289322 AND 1292445 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4207 BRIARWOOD RD	06/28/11 12:30: PM	06/28/11 01:12 PM	1 GAL	Sewer Service Line	12329	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1289242	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1289757 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
DEREK R. GUTHRIE	KY0078956	5201 DIXIE HWY	06/28/11 3:00: PM (	06/28/11 03:30 PM	1 GAL	Sewer Service Line	90825201	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1289392	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1289397 - FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4704 BURKLEY AVE	06/28/11 4:47: PM (	06/28/11 04:47 PM	1 GAL	Sewer Service Line	058A00180000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289567	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3435 BRYAN WAY	06/28/11 8:08: PM	06/28/11 08:21 PM	1 GAL	Sewer Service Line	23310	MASSIVE ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1289429	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1289578 AND 1291747 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4510 CASPIAN DR	06/30/11 5:08: PM (	06/30/11 05:08 PM	1 GAL	Sewer Service Line	54544510	ROOT ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECCTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1291117	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1291839 AND 1293235 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3810 ST GERMAINE CT	06/30/11 5:30: PM	06/30/11 06:03 PM	1 GAL	Sewer Service Line	050700310000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1291172	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1291125 AND 1291127 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3022 NEPPERHAN RD	06/30/11 9:00: PM	06/30/11 09:13 PM	1 GAL	Sewer Service Line	091J00160000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1291146	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1291148 AND 1292494 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	616 W BRECKINRIDGE ST	01/18/11 3:45: PM (	01/18/11 03:45 PM	2 GAL	Sewer Service Line	D09945029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1191216	CUSTOMER ADVISED MSD PERSONNEL THEY WILL CLEAN THE IMPACTED AREA	WORK ORDER 1191219 - FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1022 S 3RD ST	12/22/10 4:00: PM	12/22/10 05:00 PM	1 GAL	Sewer Service Line	D13828229	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION.	ROOTS	DISDW DRY WEATHER DISCHARGE	1182361	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182364 AND 1182365 - FLUSHED AND VACTOR THE MAIN SEWER REFERRED TO AREA SUPERVISOR TO MAKE REPAIRS AS NEEDED
MORRIS FORMAN	KY0022411	4522 SANDERS LN	06/22/11 11:28: PM (	06/23/11 01:43 AM	3 GAL	Sewer Service Line	DE34040029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287562	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4503 NANEEN DR	06/23/11 1:32: PM (	06/23/11 01:32 PM	1 GAL	Sewer Service Line	DE34822029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288795	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1805 RUDY LN	06/30/11 11:55: AM (	06/30/11 11:56 AM	1 GAL	Sewer Service Line	EP06582019	AT&T BORED THE MSD'S MAIN SEWER	UTILITY DAMAGED MSI ASSET	D DISDW DRY WEATHER DISCHARGE	1290945	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1290950 AND 1293716 - FLUSHED AND REPAIRED THE MAIN SEWER
MORRIS FORMAN	KY0022411	4500 DEEPWOOD DR	02/23/11 6:00: PM (	02/23/11 06:25 PM	1 GAL	Sewer Service Line	EP33280019	HEAVY ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1210649	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210860 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4803 SPRINGDALE CT	02/13/11 7:00: PM	02/13/11 07:31 PM	1 GAL	Sewer Service Line	EP34035019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1203275	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1203276 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	7109 GREEN SPRING DR	05/10/11 4:59: PM (	05/10/11 05:12 PM	1 GAL	Sewer Service Line	EP34065019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1261363	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1261835 AND 1262293 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES #	Location	Date & Time	Date & Time	Overnow	Туре							
MORRIS FORMAN	KY0022411	7513 LANFAIR DR	02/18/11 9:30: PM	02/18/11 09:53 PM	1 GAL	Sewer Service Line	EP35595039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209081	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209108 AND 1209477 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2314 THORNHILL RD	05/02/11 10:56: AM	05/02/11 11:20 AM	1 GAL	Sewer Service Line	EP39630019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1279977	ADVISED CUSTOMER TO CALL BACK ONCE WAS HAS RECEDED FOR A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1844 FRANKFORT AVE	02/24/11 12:45: PM	02/24/11 01:21 PM	1 GAL	Sewer Service Line	G08579019	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISREV RAIN EVENT DISCHARGE	1210925	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1212260 AND 1215469 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	321 S PETERSON AVE	08/23/10 4:51: PM	08/23/10 05:33 PM	1 GAL	Sewer Service Line	G10431029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123445	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1123561 AND 1124424 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	165 N EWING AVE	02/25/11 4:15: PM	02/25/11 04:45 PM	1 GAL	Sewer Service Line	G12011019	MAIN SEWER BROKE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1214020	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CONTRACTOR TO MAKE SEWER REPAIRS
MORRIS FORMAN	KY0022411	3409 BROECK POINTE CIR	11/06/10 9:36: AM	11/06/10 10:30 AM	3 GAL	Sewer Service Line	HP11085029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1160352	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1160353 AND 1160779 - ROOT MAIN SEWER AND REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2706 MURRAY HILL PIKE	01/09/11 5:30: PM	01/09/11 05:52 PM	1 GAL	Sewer Service Line	HP11510029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1188603	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189527 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8905 LEEMORE CT	04/27/11 8:43: PM	04/27/11 08:43 PM	1 GAL	Sewer Service Line	HP11616059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269834	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2709 LANGDON DR	04/25/11 12:00: PM	04/25/11 12:28 PM	1 GAL	Sewer Service Line	HP11697049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1250460	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1252475 AND 1252480 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2825 LANGDON DR	05/03/11 1:36: PM	05/03/11 01:36 PM	1 GAL	Sewer Service Line	HP11714019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270722	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2825 LANGDON DR	05/04/11 12:45: PM	05/04/11 01:06 PM	5 GAL	Sewer Service Line	HP11714019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1258749	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1259323 AND 1259755 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	8809 MALVERN HILL RD	01/30/11 1:17: PM	01/30/11 01:25 PM	1 GAL	Sewer Service Line	HP12061039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195033	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1195710 AND 1196135 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2403 COLONEL DR	07/23/10 11:30: AM	07/23/10 12:15 PM	1 GAL	Sewer Service Line	HP12182029	MASSIVE ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1112429	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1112427 AND 1114738 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8409 SABERDEE DR	04/12/11 12:00: AM	04/12/11 10:58 AM	1 GAL	Sewer Service Line	HP12249019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263438		INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	8409 SABERDEE DR	04/23/11 3:00: PM	04/23/11 03:45 PM	5 GAL	Sewer Service Line	HP12249019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249550	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	CONTACTED R.MILLS OF METRO OPS
MORRIS FORMAN	KY0022411	8505 RHETT BUTLER DR	01/29/11 6:00: PM	01/29/11 06:15 PM	1 GAL	Sewer Service Line	HP12289049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND AT THE SHARED JOINT	ROOTS	DISDW DRY WEATHER DISCHARGE	1194980	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1194978 AND 1195730 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8507 RHETT BUTLER DR	05/19/11 3:15: PM	05/19/11 04:09 PM	1 GAL	Sewer Service Line	HP12290029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1264832	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1264835 AND 1265874 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8419 BLOSSOM LN	05/13/11 1:00: PM	05/13/11 01:20 PM	1 GAL	Sewer Service Line	HP12329049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1262578	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1262930 AND 1263284 - ROOT CUT AND REPAIRED MSD'S SIDE OF THE PROPERTY SERVICE LINE AND ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	8408 BLOSSOM LN	08/26/10 10:00: AM	08/26/10 10:51 AM	1 GAL	Sewer Service Line	HP12337069	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1124280	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1124501 AND 1126922 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2400 LEXFORD CT	03/05/11 1:45: PM	03/05/11 02:21 PM	3 GAL	Sewer Service Line	HP12899029	PIPE BROKE DOWN ON MSD PORTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218751	CUSTOMER CLEANED THE IMPACTED AREA	REFFERRED TO AREA SUPERVISOR

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset	Source Asset ID	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
Name	KPDES #	Zodalon	Dato a Timo	Date & Time	o voinion	Type							
MORRIS FORMAN	KY0022411	1514 HERR LN	02/20/11 6:30: PM	02/20/11 06:56 PM	1 GAL	Sewer Service Line	HP13740029	HEAVY ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209350	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209428 AND 1209923 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	914 FENLEY AVE	06/23/11 8:00: AM	06/23/11 08:01 AM	1 GAL	Sewer Service Line	HP14166069	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287521	ADVISED CUSTOMER TO CONTACT MSD IF THEY WANT A COURTESY CLEAN AFTER WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	904 GIRARD DR	04/29/11 12:45: PM	04/29/11 01:28 PM	10 GAL	Sewer Service Line	HP14380039	SYSTEM WAS AT FULL CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1254410	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	905 GIRARD DR	03/24/11 5:30: PM	03/24/11 05:44 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1231732	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1231861 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1718 BRIDGEVIEW LN	04/27/11 12:00: AM	04/27/11 04:22 PM	1 GAL	Sewer Service Line	HP14830029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266380	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	9104 TIVERTON WAY	01/24/11 9:13: PM	01/24/11 09:24 PM	2 GAL	Sewer Service Line	HP15159549	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1193165	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1193447 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9108 TIVERTON WAY	10/19/10 8:15: PM	10/19/10 08:32 PM	2 GAL	Sewer Service Line	HP15161369	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1153693	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1154071 AND 1156225 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINED
MORRIS FORMAN	KY0022411	2110 ASHCRAFT LN	05/30/11 11:30: PM	05/30/11 11:48 PM	10 GAL	Sewer Service Line	HP15217019	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION AND ROOTS AT THE SHARED JOINT	ROOTS	DISDW DRY WEATHER DISCHARGE	1271084	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1271233 AND 1273608 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9106 GLOVER LN	09/08/10 2:00: PM	09/08/10 02:38 PM	1 GAL	Sewer Service Line	HP15256029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1130298	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1130440 ADN 1134852 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT AND SLIP LINED
MORRIS FORMAN	KY0022411	9111 GLOVER LN	04/27/11 12:00: AM	04/27/11 10:02 AM	1 GAL	Sewer Service Line	HP15365019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264761	ADVISED CUSTOMER ABOUT COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	9304 TRENTHAM LN	01/05/11 9:00: PM	01/05/11 09:24 PM	1 GAL	Sewer Service Line	HP15448049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1187676	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1187792 AND 1188528 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9412 TIVERTON CT	03/23/11 9:00: AM	03/23/11 09:36 AM	1 GAL	Sewer Service Line	HP15511029	OBSTRUCTION NEAR THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1231040	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1231047 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2301 LANGDON DR	11/30/10 3:30: PM	11/30/10 03:54 PM	1 GAL	Sewer Service Line		OBSTRUCTION AND A PORTION OF LINE IS BROKEEN ON MSD'S SIDE OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1172147	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1172153, 1172927 AND 1173233 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9610 WESTPORT RD	12/29/10 2:00: PM	12/29/10 03:00 PM	1 GAL	Sewer Service Line	HP15652019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1185058	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185059 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	9605 AYLESBURY DR	12/05/10 1:41: PM	12/05/10 01:47 PM	2 GAL	Sewer Service Line	HP15679029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173580	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173698 AND 1176769 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9603 AYLESBURY DR	02/18/11 2:15: PM	02/18/11 02:45 PM	1 GAL	Sewer Service Line	HP15680039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1208940	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1208969 AND 1209124 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9503 AYLESBURY DR	08/23/10 8:44: PM	08/23/10 08:50 PM	2 GAL	Sewer Service Line	HP15699039	ROOT'S ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123455	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1123699 AND 1124121 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9404 AYLESBURY DR	04/02/11 11:24: AM	04/02/11 11:26 AM	2 GAL	Sewer Service Line	HP15705069	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1238477	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1238499 AND 1239998 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9502 AYLESBURY DR	12/31/10 1:09: PM	12/31/10 01:32 PM	2 GAL	Sewer Service Line	HP15708029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185805	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185806 - OPEN LINE WITH ROD DOING MINI-CAM
MORRIS FORMAN	KY0022411	9514 AYLESBURY DR	12/03/10 6:00: PM	12/03/10 07:50 PM	10 GAL	Sewer Service Line	HP15714019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1173506	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1173505 AND 1173516 - FLUSHED AND VACTORED OBSTRUCTION FROM MAIN SEWER

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	9600 AYLESBURY DR	12/03/10 6:00: PM	12/03/10 07:32 PM	5 GAL	Sewer Service Line	HP15715069	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1173503	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1173502 AND 1173515 - ROOT CUT AND FLUSHED THE MAIN SEWER AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	9702 TIVERTON WAY	01/03/11 3:30: PM (	01/03/11 04:03 PM	1 GAL	Sewer Service Line	HP15720029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1186378	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186633 AND 1187883 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9405 LA GRANGE RD	09/28/10 11:17: PM (	09/28/10 11:33 PM	2 GAL	Sewer Service Line	HP16687049	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1139993	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1140075 AND 1142268 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8208 PADDINGTON DR	04/12/11 12:00: AM (	04/12/11 09:32 AM	1 GAL	Sewer Service Line	HU13204039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263537	ADVISEC CUSTOMER TO CALL MSD BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	8806 NOTTINGHAM PKY	10/04/10 5:14: PM	10/04/10 05:44 PM	2 GAL	Sewer Service Line	HU14776019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1146011	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1146012 AND 1157363 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9203 LINN STATION RD	05/28/11 1:02: PM (	05/28/11 02:20 PM	10 GAL	Sewer Service Line	HU17006029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1270978	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1270977 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10202 FOXBORO DR	02/08/11 12:00: PM (	02/08/11 12:18 PM	1 GAL	Sewer Service Line	HU22342039	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1201120	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1201735 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10202 FOXBORO DR	04/11/11 2:00: PM (	04/11/11 02:47 PM	1 GAL	Sewer Service Line	HU22342039	MASSIVE ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1242426	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1242428 AND 1242434 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	10300 FOXBORO DR	04/27/11 12:00: AM (	04/27/11 10:47 AM	1 GAL	Sewer Service Line	HU22348029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265276	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	809 VANNAH AVE	04/07/11 9:00: PM (	04/07/11 09:34 PM	1 GAL	Sewer Service Line	HU22588029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1240969	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1241656 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	830 VANNAH AVE	10/04/10 9:15: AM	10/04/10 09:22 AM	1 GAL	Sewer Service Line	HU22620019	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1143300	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1146098, 1146457 AND 1147496 - ROOT CUT, FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10104 CLEARCREEK WAY	02/20/11 2:34: PM (	02/20/11 02:43 PM	2 GAL	Sewer Service Line	HU22854019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209342	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1209503 ADN 1210060 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	819 FOXWOOD AVE	03/28/11 2:45: PM (	03/28/11 03:30 PM	1 GAL	Sewer Service Line	HU23568029	LARGE ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1233192	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1233193 - ROOT CUT MAIN SEWER TO OPEN LINE
MORRIS FORMAN	KY0022411	826 FOXWOOD AVE	03/31/11 2:45: PM (	03/31/11 03:07 PM	1 GAL	Sewer Service Line	HU23582029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1237191	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1238058 AND 1239621 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	804 FOXWOOD AVE	10/04/10 10:40: AM	10/04/10 11:20 AM	1 GAL	Sewer Service Line	HU23604029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1143605	CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDERS 1143580, 1143600 ADN 1151561 - ROOT CUT, SLIP LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1422 HIGHLAND AVE	03/30/11 6:15: PM (	03/30/11 06:43 PM	1 GAL	Sewer Service Line	J05925049	STRUCTURAL DAMAGE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1236923	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1237002 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1211 CHEROKEE RD	11/27/10 3:05: PM	11/27/10 03:28 PM	1 GAL	Sewer Service Line	J07583029	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1170923	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170922 - FLUSHED THE PROPERTY SERVICE LINE AND OPEN
MORRIS FORMAN	KY0022411	18 NARWOOD DR	01/03/11 1:15: PM (	01/03/11 01:54 PM	1 GAL	Sewer Service Line	JT20202019	TAP BROKE ON MSD'S PORTION OF THE PROPERTY SERVICE LINE	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1186297	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1186300 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	15 NARWOOD DR	02/25/11 11:15: AM (	02/25/11 12:35 PM	2 GAL	Sewer Service Line	JT20216319	OBSTRCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1213802	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1213809 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	757 LOGAN ST	03/15/11 11:30: AM (	03/15/11 12:06 PM	1 GAL	Sewer Service Line	K11484059	FIBEROPTIC BORED THROUGH MSD'S PORTION OF THE PROPERTY SERVICE LINE	UTILITY DAMAGED MSD ASSET	D DISDW DRY WEATHER DISCHARGE	1225103	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1233671 - RERPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3298 ILLINOIS AVE	12/26/10 6:00: PM	12/26/10 06:49 PM	1 GAL	Sewer Service Line	KK09875019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182818	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182817 - FLUSHED THE PROPERTY SERVICE LINE AND REMOVED OBSTRUCTION
MORRIS FORMAN	KY0022411	3516 WHIPPOORWILL RD	10/14/10 3:15: PM	10/14/10 03:47 PM	1 GAL	Sewer Service Line	KK10081019	ROOTS IN MAIN SEWER AND IN MSD'S PORTION OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1152070	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1152076 AND 1152295 - ROOT CUT MAIN SEWER AND THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	1018 ENGLISH AVE	09/16/10 4:45: PM	09/16/10 05:18 PM	1 GAL	Sewer Service Line	KK10961029	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1135445	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1135447 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2624 PINDELL AVE	03/09/11 1:00: PM	03/09/11 01:32 PM	1 GAL	Sewer Service Line	KK11269029	ROOTS IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1220518	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1222276 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2624 PINDELL AVE	04/23/11 10:30: PM	04/23/11 10:50 PM	1 GAL	Sewer Service Line	KK11269029	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1249759	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1249707 - FLUSHED THE MAIN SEWER AND REMOVED OBSTRUCTION;REFERRED TO TVI DEPT
MORRIS FORMAN	KY0022411	2605 COLIN AVE	06/25/11 3:24: PM	06/25/11 03:39 PM	2 GAL	Sewer Service Line	KK11375019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1288340	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1289378 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2628 COLIN AVE	05/08/11 11:53: AM	05/08/11 12:10 PM	2 GAL	Sewer Service Line	KK11392019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1260310	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1260466 AND 1260540 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1265 SPRINGDALE DR	04/27/11 11:49: AM	04/27/11 11:49 AM	1 GAL	Sewer Service Line	KK13382439	LACK OF SYSTEM CAPACTY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267657	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1244 SPRINGDALE DR	08/26/10 3:15: PM	08/26/10 05:07 PM	1 GAL	Sewer Service Line	KK13390319	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1124470	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1124468 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	1278 SPRINGDALE DR	04/27/11 12:00: AM	04/27/11 06:54 AM	1 GAL	Sewer Service Line	KK13399019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266496	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4027 FAYETTE AVE	03/08/11 3:15: PM	03/08/11 03:45 PM	1 GAL	Sewer Service Line	KK13719039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1219819	CUSTOMER CLEANED THE IMPACTED AREA	REFER TO A SUPERVISOR TO MAKE NEEDED REPAIRS
MORRIS FORMAN	KY0022411	4027 FAYETTE AVE	04/27/11 11:43: AM	04/27/11 11:43 AM	1 GAL	Sewer Service Line	KK13719039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267649	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4026 FRANKLIN AVE	09/07/10 1:10: PM	09/07/10 01:57 PM	2 GAL	Sewer Service Line	KK13738029	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1129972	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	WORK ORDER 1130161 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1243 BOURBON AVE	10/22/10 5:30: PM	10/22/10 06:12 PM	1 GAL	Sewer Service Line	KK13852019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY AND HEAVY DEBRIS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1155624	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1155674, 1155713 & 1155632 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND VACTORED MAIN SEWER
MORRIS FORMAN	KY0022411	1239 BOURBON AVE	02/24/11 9:30: PM	02/24/11 10:18 PM	1 GAL	Sewer Service Line	KK13854019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1211547	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1212239 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1703 CHEAK CT	12/17/10 1:00: PM	12/17/10 01:58 PM	3 GAL	Sewer Service Line	KK14479429	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1181519	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER - 1181528 ADN 1181561 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1581 BELMAR DR	07/12/10 11:35: AM	07/12/10 12:15 PM	1 GAL	Sewer Service Line	KK14604099	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1106949	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1106948 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	1553 INDIANA AVE	01/01/11 7:00: PM	01/01/11 07:13 PM	1 GAL	Sewer Service Line	KK14723019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1185892	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1186414, 1186588 AND 1186718 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	1551 INDIANA AVE	01/03/11 6:40: PM	01/03/11 07:21 PM	7 GAL	Sewer Service Line	KK14726019	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1186412	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1186414, 1186588 AND 1186718 - FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	1564 MCKAY AVE	02/28/11 12:00: PM	02/28/11 01:15 PM	1 GAL	Sewer Service Line	KK14849079	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1218054	ADVISED CUSTOMER THEY'RE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTAGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4184 SHERMAN AVE	02/02/11 2:45: PM (	02/02/11 03:30 PM	1 GAL	Sewer Service Line	KK14970039	OBSTRUCTION IN MSD MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1198818	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1198816 - ROOTCUT AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	533 E ST CATHERINE ST	11/16/10 3:30: PM	11/16/10 03:58 PM	12 GAL	Sewer Service Line	L13182089	AT&T DAMAGED MSD'S PORTION OF PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSE ASSET	DISREV RAIN EVENT DISCHARGE	1166180	MSD PERSONNEL ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA AT THIS TIME	WORK ORDER 1166286 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2011 CROGHAN HOUSE DR	03/26/11 12:09: PM (	03/26/11 01:22 PM	25 GAL	Sewer Service Line	LL08084019	OBSTRUCTION IN MAIN SEWER AND ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1232474	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1232485, 1232486, 1232563 AND 1232632 - ROOT CUT SEWER AND ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND REPAIRED THE MAIN SEWER
MORRIS FORMAN	KY0022411	266 LELAND CT	05/16/11 10:58: AM (	05/16/11 08:17 PM	3 GAL	Sewer Service Line	LL11144019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1263343	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1263530 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	112 COLONIAL DR	04/27/11 12:00: AM (	04/27/11 08:44 AM	1 GAL	Sewer Service Line	LL11266039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1264018	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	253 ST MATTHEWS AVE	04/27/11 12:00: AM (	04/27/11 02:44 PM	1 GAL	Sewer Service Line	LL11707049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266321	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3925 ORMOND RD	02/27/11 2:50: PM (	02/27/11 02:58 PM	1 GAL	Sewer Service Line	LL11836029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1214351	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1214762 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5403 INDIAN WOODS DR	11/26/10 1:30: PM	11/26/10 02:26 PM	1 GAL	Sewer Service Line	LL12068329	ROOTS ON MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1170824	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1170927 AND 1170936 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	317 N HUBBARDS LN	05/03/11 1:21: PM	05/03/11 01:21 PM	1 GAL	Sewer Service Line	LL12551019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270096	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	213 CORNELL PL	04/06/11 2:15: PM (	04/06/11 03:56 PM	1 GAL	Sewer Service Line	MA09063019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ALSO ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1240477	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240478 AND 1240529 - ROOT CUT AND FLUSHED MSD'S PORTION OF THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	3413 INGLE AVE	02/14/11 8:45: AM (	02/14/11 10:52 AM	1 GAL	Sewer Service Line	MA09226019	ROOTS AND OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1203355	CUSTOMER CLEAN THE IMPACTED AREA	WORK ORDERS 1203450 AND 1203472 - ROOT CUT AND FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	3413 INGLE AVE	06/03/11 5:00: PM	06/03/11 05:18 PM	1 GAL	Sewer Service Line	MA09226019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1273721	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1273720 - FLUSHED THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	404 WENDOVER AVE	03/21/11 5:34: PM (	03/22/11 07:25 AM	1 GAL	Sewer Service Line	MA09756029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1230421	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1230903 ADN 1231108 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	505 WENDOVER AVE	12/23/10 2:15: PM	12/23/10 02:30 PM	1 GAL	Sewer Service Line	MA09783029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182464	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182553 AND 1184855 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3502 HUGHES RD	11/29/10 10:00: AM	11/29/10 10:28 AM	5 GAL	Sewer Service Line	MA10871019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1171307	CUSTOMER HAS CLEANED THE IMPACTED AREA	WORK ORDERS 1171496, 1172156 AND 1179517 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1004 WILLIAMSBURG CT	04/27/11 9:39: AM	04/27/11 09:39 AM	1 GAL	Sewer Service Line	MA11048039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267202	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4107 PLYMOUTH RD	04/27/11 9:20: AM	04/27/11 09:20 AM	1 GAL	Sewer Service Line	MA11356029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267148	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4025 PLYMOUTH RD	06/23/11 11:00: PM (	06/23/11 11:35 PM	1 GAL	Sewer Service Line	MA11360049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISREV RAIN EVENT DISCHARGE	1287712	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1288398 AND 1288775 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4009 PLYMOUTH RD	04/27/11 6:32: PM (	04/27/11 06:32 PM	1 GAL	Sewer Service Line	MA11368029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269820	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4009 PLYMOUTH RD	05/03/11 8:50: AM	05/03/11 08:50 AM	1 GAL	Sewer Service Line	MA11368029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269825	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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Associated	Associated												1
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4103 GLOUCESTER RD	03/05/11 7:30: PM	03/05/11 08:09 PM	1 GAL	Sewer Service Line	MA11430019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218807	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218842 AND 1219294 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3917 WARNER AVE	03/20/11 8:00: PM	03/20/11 08:37 PM	1 GAL	Sewer Service Line	MA11693019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1229726	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1229723 - ROOT CUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	330 S HUBBARDS LN	03/09/11 9:30: PM	03/09/11 09:55 PM	1 GAL	Sewer Service Line	MA12867019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1220812	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	330 S HUBBARDS LN	03/15/11 9:30: AM	03/15/11 11:02 AM	1 GAL	Sewer Service Line	MA12867019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1225046	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO LET SYSTEM CATCH UP
MORRIS FORMAN	KY0022411	201 BILTMORE RD	07/08/10 5:15: PM	07/08/10 05:46 PM	10 GAL	Sewer Service Line	MA13325019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1105526	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4613 BLENHEIM RD	04/27/11 12:00: AM	04/27/11 06:44 AM	1 GAL	Sewer Service Line	MA13339529	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266484	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4613 BLENHEIM RD	05/03/11 12:00: AM	05/03/11 08:29 AM	1 GAL	Sewer Service Line	MA13339529	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1266488	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4513 BLENHEIM RD	04/27/11 12:00: AM	04/27/11 11:33 AM	1 GAL	Sewer Service Line	MA13579059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265915	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4513 BLENHEIM RD	05/03/11 12:00: AM	05/03/11 10:13 AM	1 GAL	Sewer Service Line	MA13579059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265918	OFFERED CUSTOMER COURTSEY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	10102 TIMBERWOOD CIR	04/29/11 4:20: PM	04/29/11 05:00 PM	1 GAL	Sewer Service Line	MT08714029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1254724	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254728 - ROOTCUT THE PROPERTY SERVICE LINE
MORRIS FORMAN	KY0022411	10200 BLUFFSPRINGS TRCE	04/25/11 9:00: PM	04/25/11 09:37 PM	1 GAL	Sewer Service Line	MT08805019	ROOTS ON MSD'S PORTION AND CUSTOMER'S PORTION OF SERVICE LINE	ROOTS	DISDW DRY WEATHER DISCHARGE	1251942	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1252205 AND 1253342 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10412 GRAZING CT	07/15/10 9:00: AM	07/15/10 09:24 AM	1 GAL	Sewer Service Line	MT08884029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1109327	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1109832 AND 1110464 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT; ADVISED CUSTOMER TO CONTACT A PLUMBE
MORRIS FORMAN	KY0022411	10522 APPLECROSS WAY	04/27/11 8:34: AM	04/27/11 08:34 AM	1 GAL	Sewer Service Line	MT08904059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267066	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	200 ROUNDSTONE CT	01/20/11 7:30: PM	01/20/11 07:49 PM	1 GAL	Sewer Service Line	MT09485049	ROOTS IN MSD'S PORTION OF SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192500	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1192601 AND 1200313 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	930 BURNING SPRINGS CIR	09/21/10 6:10: PM	09/21/10 06:10 PM	2 GAL	Sewer Service Line	MT09984029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1138000	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1137116 AND 1137746 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	946 BURNING SPRINGS CIR	11/30/10 12:30: PM	11/30/10 01:34 PM	1 GAL	Sewer Service Line	MT09992029	OBSTRUCTION AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISREV RAIN EVENT DISCHARGE	1172044	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1172049 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9811 REYNOLDA RD	10/24/10 2:12: PM	10/24/10 02:27 PM	7 GAL	Sewer Service Line	MT10053029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1155711	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1155805 AND 1156983 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	953 WHETSTONE WAY	10/05/10 12:02: AM	10/05/10 12:19 AM	2 GAL	Sewer Service Line	MT10063049	BROKE AT TAP ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1146308	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1146430 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	11613 BRAGG AVE	01/10/11 2:00: PM	01/10/11 02:20 PM	1 GAL	Sewer Service Line	MT11839039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189460	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1189656 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2711 NARRAGANSETT DR	05/17/11 11:06: AM	05/17/11 11:17 AM	1 GAL	Sewer Service Line	O00954539	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1263488	CUSTOMER CLEANED IMPACTED AREA	WORK ORDER 1263859 - REPARIED THE PROPERTY SERVICE CONNECTION AND INTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2520 HALE AVE	03/07/11 12:35: PM (	03/07/11 01:24 PM	1 GAL	Sewer Service Line	O02921549	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1219192	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1219196 - FLUSHED AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4155 HALE AVE	06/30/11 5:30: PM	06/30/11 06:00 PM	1 GAL	Sewer Service Line	P07191019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1291135	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1291749 ADN 1292629 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3410 W KENTUCKY ST	04/05/11 12:00: PM	04/05/11 12:25 PM	1 GAL	Sewer Service Line	P09505039	STRUCTURAL DAMAGE ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1239983	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240279 AND 1240783 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A NEW 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4505 SHELBYVILLE RD	05/03/11 10:25: AM	05/03/11 10:25 AM	1 GAL	Sewer Service Line	P4492	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270078	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD□
MORRIS FORMAN	KY0022411	3729 ESSEX RD	04/27/11 10:16: AM	04/27/11 10:16 AM	1 GAL	Sewer Service Line	P4749	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267255	OFFERED CUSTOMER A COURTSEY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3729 ESSEX RD	04/27/11 10:16: AM	04/27/11 10:16 AM	1 GAL	Sewer Service Line	P4749	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267559	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1877 ALLGEIER CT	12/06/10 6:07: PM	12/06/10 06:10 PM	1 GAL	Sewer Service Line	P5483	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1174289	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1174374 AND 1174617 - ROOT CUT THE MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3934 DRUID HILLS RD	04/11/11 10:35: PM	04/11/11 10:53 PM	10 GAL	Sewer Service Line	P5529	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1242606	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1243447 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3300 CHINQUAPIN LN	09/09/10 8:30: PM	09/09/10 10:43 PM	50 GAL	Sewer Service Line	PA06189049	OBTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1131172	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1131173 - ROOT CUT MAIN SEWER AND OPENED LINE UP
MORRIS FORMAN	KY0022411	3300 CHINQUAPIN LN	01/06/11 7:30: PM	01/06/11 08:18 PM	5 GAL	Sewer Service Line	PA06189049	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1188063	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1188064 AND 1188272 - FLUSHED AND ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	3300 CHINQUAPIN LN	04/12/11 12:00: AM	04/12/11 09:11 AM	1 GAL	Sewer Service Line	PA06189049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1260987	ADVISED CUSTOMER TO CONTACT MSD ONCE WATER RECEDES IF THEY WANT A COURTESY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3304 CHINQUAPIN LN	06/23/11 3:49: PM	06/23/11 03:49 PM	1 GAL	Sewer Service Line	PA06191059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288818	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3301 CHINQUAPIN LN	09/09/10 8:30: PM	09/09/10 10:53 PM	10 GAL	Sewer Service Line	PA06203069	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1131174	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1131173 - ROOT CUT MAIN SEWER AND OPENED LINE UP
MORRIS FORMAN	KY0022411	3402 E INDIAN TRL	04/12/11 12:00: AM	04/12/11 08:52 AM	1 GAL	Sewer Service Line	PA06247019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263417	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3418 E INDIAN TRL	06/24/11 10:00: PM	06/24/11 10:35 PM	1 GAL	Sewer Service Line	PA06255019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1288266	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1288327 AND 1288373 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5504 PINE TREE DR	04/12/11 9:23: AM	04/12/11 09:23 AM	1 GAL	Sewer Service Line	PA06260019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262110	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5907 HILLWOOD DR	04/12/11 9:16: AM	04/12/11 09:16 AM	1 GAL	Sewer Service Line	PA06343019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262093	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5907 HILLWOOD DR	04/13/11 11:00: PM	04/13/11 11:31 PM	10 GAL	Sewer Service Line	PA06343019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1244118	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER ACTION REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3405 PRESTWOOD DR	04/12/11 12:00: AM	04/12/11 10:10 AM	1 GAL	Sewer Service Line	PA06366029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263545	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3401 PRESTWOOD DR	04/12/11 12:00: AM	04/12/11 08:49 AM		Sewer Service Line	PA06368029		LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263419		

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3516 TEMPLEWOOD DR	04/12/11 12:00: AM (	04/12/11 07:55 AM	1 GAL	Sewer Service Line	PA06412039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262131	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5714 SPICEWOOD LN	04/12/11 12:00: AM (	04/12/11 10:34 AM	1 GAL	Sewer Service Line	PA06651029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262101	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3602 E INDIAN TRL	04/23/11 1:26: PM (	04/23/11 01:42 PM	1 GAL	Sewer Service Line	PA06698019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1249563	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3901 WOODED WAY	04/12/11 12:00: AM (	04/12/11 08:42 AM	1 GAL	Sewer Service Line	PA06962019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1262561	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6101 OAKNOLL DR	11/03/10 5:30: PM	11/03/10 05:55 PM	1 GAL	Sewer Service Line		ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1159606	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1159915 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5002 ELLINGTON AVE	07/22/10 6:45: PM (	07/22/10 07:04 PM	1 GAL	Sewer Service Line		ROOT ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1111789	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1112401 AND 1115981 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5708 LORETTA ST	04/11/11 9:42: PM (	04/11/11 09:43 PM	1 GAL	Sewer Service Line	PB10938029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1242567	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6114 LORETTA ST	06/01/11 3:00: PM (	06/01/11 03:28 PM	1 GAL	Sewer Service Line	PB10962089	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1272083	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1272131 AND 1272462 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3401 FERN VALLEY RD	01/08/11 11:16: AM (	01/08/11 12:03 PM	2 GAL	Sewer Service Line	PB11302729	MSD'S PROPERTY SERVICE LINE BROKE AND ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1188535	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1188522 AND 1188588 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1781 DIXDALE AVE	08/25/10 12:00: PM (	08/25/10 12:57 PM	1 GAL	Sewer Service Line	R04427059	SWAG IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1124010	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1124011 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	507 CREEL AVE	06/23/11 9:16: AM (	06/23/11 09:20 AM	1 GAL	Sewer Service Line	R05242039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288238	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1239 ORMSBY CT	04/05/11 3:15: PM (	04/05/11 04:15 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTIONN OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1240166	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1240170 AND 1240171 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2701 S 6TH ST	06/23/11 5:36: PM (	06/23/11 05:37 PM	1 GAL	Sewer Service Line	T06393059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287662	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IF STILL HAVING PROBLEMS AND TO DISCONNECT DOWN SPOUTS
MORRIS FORMAN	KY0022411	1520 WURTELE AVE	11/17/10 1:00: PM	11/17/10 01:42 PM	2 GAL	Sewer Service Line	T07685089	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1166451	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1166658 AND 1169558 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	725 W WHITNEY AVE	06/23/11 3:25: PM (	06/23/11 03:26 PM	10 GAL	Sewer Service Line	U09036019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287585	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	823 W WHITNEY AVE	04/13/11 9:00: PM (	04/13/11 09:37 PM	1 GAL	Sewer Service Line	U09050019	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1244104	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1244105 ADN 1246220 - FLUSHED AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	808 W WHITNEY AVE	06/23/11 12:00: AM (	06/23/11 10:09 AM	1 GAL	Sewer Service Line	U09104059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288516	ADVISED CUSTOMER THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5623 SOUTHERN PKY	06/24/11 3:20: PM (	06/24/11 03:20 PM	1 GAL	Sewer Service Line	V08223049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288201	OFFERED CUSTOMER A COURTESY CLEAN AND TO CALL MSD IF ACCEPTS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5621 SOUTHERN PKY	06/22/11 12:00: AM (	06/22/11 11:45 PM	1 GAL	Sewer Service Line	V08224019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287997	ADVISED CUSTOMER TO CONTACT MSD IF THEY WANT A COURTSEY CLEAN	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5619 SOUTHERN PKY	06/24/11 2:20: PM (	06/24/11 02:20 PM	1 GAL	Sewer Service Line	V08225039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289204	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	_	510 SCHOOL WAY	06/23/11 5:59: PM	06/23/11 05:59 PM	1 GAL	Sewer Service Line	V08314049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289022	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	410 CHRISTOPHER PL	06/23/11 3:57: PM	06/23/11 03:57 PM	1 GAL	Sewer Service Line	V08423039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288822	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4714 BURKLEY AVE	06/24/11 2:22: PM	06/24/11 02:22 PM	1 GAL	Sewer Service Line	V08489029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289215	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	
MORRIS FORMAN	KY0022411	4718 BURKLEY AVE	06/23/11 8:41: AM	06/23/11 08:43 AM	1 GAL	Sewer Service Line	V08491029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288525	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4805 S 5TH ST	06/23/11 9:07: AM	06/23/11 09:07 AM	1 GAL	Sewer Service Line	V08590019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288560	MSD CONTACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	5022 S 2ND ST	05/18/11 1:52: PM	05/18/11 01:52 PM	1 GAL	Sewer Service Line	V08973039	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1264041	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1264072 AND 1266109 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5024 S 2ND ST	06/23/11 7:58: AM	06/23/11 07:58 AM	1 GAL	Sewer Service Line	V08974019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287940	CUSTOMER DECLINED COURTESY CLEAN - CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	223 ASHBURY RD	06/23/11 10:00: PM	06/23/11 10:02 PM	8 GAL	Sewer Service Line	V09034079	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287706	CUSTOMER CLEANED THE IMPACTED AREA	CUSTOMER HAS FULL USAGE.
MORRIS FORMAN	KY0022411	4623 S 3RD ST	06/28/11 2:49: PM	06/28/11 02:49 PM	1 GAL	Sewer Service Line	V09427039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289558	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4540 S 1ST ST	02/02/11 12:30: PM	02/02/11 01:01 PM	1 GAL	Sewer Service Line	V09852029	LINE COLLASPSED IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1196684	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1196694, 12000377 AND 1200442 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4567 S 1ST ST	06/23/11 8:23: AM	06/23/11 08:30 AM	1 GAL	Sewer Service Line	V10109039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288522	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	174 FRANCIS AVE	03/21/11 12:15: PM	03/21/11 01:03 PM	1 GAL	Sewer Service Line	V10237019	A SECTION OF PIPE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DISDW DRY WEATHER DISCHARGE	1230093	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1230108 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3663 ELDERWOOD WAY	11/29/10 12:30: PM	11/29/10 01:00 PM	1 GAL	Sewer Service Line	W07627069	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1171424	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171425 - FLUSHED AND OPEN THE MAIN SEWER
MORRIS FORMAN	KY0022411	1634 HUNTOON AVE	07/26/10 12:15: PM	07/26/10 01:11 PM	5 GAL	Sewer Service Line	W09968029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1114669	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1114657 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1000 WALTER AVE	06/23/11 11:58: AM	06/23/11 11:58 AM	1 GAL	Sewer Service Line	W10988019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288702	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1238 BICKNELL AVE	06/23/11 11:57: AM	06/23/11 11:57 AM	1 GAL	Sewer Service Line	W11421039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1288678	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1209 CARRICO AVE	06/22/11 11:12: PM	06/23/11 12:30 AM	3 GAL	Sewer Service Line	W11494029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287554	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4660 CLIFF AVE	06/30/11 10:30: PM	06/30/11 10:30 PM	2 GAL	Sewer Service Line	W11738019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1292488	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4734 S 6TH ST	06/24/11 11:23: AM	06/24/11 11:23 AM	1 GAL	Sewer Service Line	W11991039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1289189	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	4769 S 6TH ST	05/19/11 5:30: PM	05/19/11 05:52 PM	1 GAL	Sewer Service Line	W12000019	GREASE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1264892	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1264894 - FLUSHED GREASE FROM THE PROPERTY SERVICE CONNECTION

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Associated Wastewater Treatment Plant	Associated Treatment Plant	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather WO # Cleanup Efforts by MSD Repair Efforts by MSD
Name MORRIS FORMAN	KPDES # KY0022411	4765 S 6TH ST	06/23/11 11:28: AM	06/23/11 11:28 AM	1 GAL	Sewer Service Line	W12002019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE  DISREV RAIN 1288645 MSD CONTRACTOR CLEANED AND SANITIZED THE INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1712 FERNWOOD AVE	10/20/10 2:45: PM	10/20/10 03:17 PM	1 GAL	Sewer Service Line	X01076029	ROOTS IN BOTH MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY USTOMER CLEANED THE IMPACTED AREA WORK ORDERS 1154051, 1157204 AND 1157816 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALI WAY CLEANOUT AND SLIP LINED
MORRIS FORMAN	KY0022411	950 FRENCH AVE	10/21/10 12:45: PM	10/21/10 01:16 PM	1 GAL	Sewer Service Line	X619950	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE LINE AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE  USTOMER CLEANED THE IMPACTED AREA WORK ORDERS 1155336 AND 1155669 - ROOT CUT AND REPAIRI PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2501 FOXY POISE RD	04/27/11 12:00: AM	04/27/11 02:59 PM	1 GAL	Sewer Service Line	XX06665089	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1266333 MSD CONTRACTOR CLEANED AND SANITIZED THE INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE 1 REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2402 FOXY POISE RD	04/28/11 11:30: PM	04/28/11 11:44 PM	1 GAL	Sewer Service Line	XX06686039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1254083 CUSTOMER CLEANED THE IMPACTED AREA INVESTIGATION INDICATED THAT ADDIDTIONAL REPAIRS WERE REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2404 FOXY POISE RD	05/03/11 3:14: PM	05/03/11 03:14 PM	1 GAL	Sewer Service Line	XX06687029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1269983 OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE 1 REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2416 SIR JOHNS CT	04/27/11 3:29: PM	04/27/11 03:29 PM	1 GAL	Sewer Service Line	XX06690029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1269758 OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NEGULIRED BY MSD
MORRIS FORMAN	KY0022411	2303 WOODMONT DR	05/03/11 5:12: PM	05/03/11 05:12 PM	1 GAL	Sewer Service Line	XX07113039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE CUSTOMER CLEANED THE IMPACTED AREA INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NEED TO BY MSD
MORRIS FORMAN	KY0022411	3218 ALLISON WAY	03/25/11 6:30: PM	03/25/11 06:48 PM	1 GAL	Sewer Service Line	XX10135039	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE CUSTOMER CLEANED THE IMPACTED AREA WORK ORDER 1232509 - ROOT CUT THE PROPERTY SERVICE LINE, REFERRED TO AREA SUPERVISOR TO MAKE REPAIRS
MORRIS FORMAN	KY0022411	3756 STANTON BLVD	05/03/11 9:36: AM	05/03/11 09:36 AM	1 GAL	Sewer Service Line	XX10816019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1269837 OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NEGULIER BY MSD
MORRIS FORMAN	KY0022411	3756 STANTON BLVD	05/09/11 8:00: PM	05/09/11 08:10 PM	1 GAL	Sewer Service Line	XX10816019	OBSTRUSTION ON MSD'S PORTION OF THE PROPERTY SERVBICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE CUSTOMER CLEANED THE IMPACTED AREA WORK ORDER 1260810 - ROOT CUT MSD'S PROPERTY SERVICE
MORRIS FORMAN	KY0022411	2851 HIKES LN	03/09/11 6:00: PM	03/09/11 06:55 PM	2 GAL	Sewer Service Line	XX11165039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE  DISREV RAIN 1221028 CUSTOMER CLEANED UP THE IMPACTED AREA REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2821 DELL BROOKE AVE	04/27/11 10:17: AM	04/27/11 10:17 AM	1 GAL	Sewer Service Line	XX11261069	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN 1267563 OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NEGLECULAR REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3302 STRATFORD AVE	04/27/11 3:45: PM	04/27/11 03:45 PM	1 GAL	Sewer Service Line	XX12063029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN   1269761   OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED   INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE N REQUIRED BY MSD   REQUIRED BY MSD
MORRIS FORMAN	KY0022411	6411 KENJOY DR	05/02/11 10:45: AM	05/02/11 11:37 AM	1 GAL	Sewer Service Line	Y09714049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN 1255456 CUSTOMER CLEANED THE IMPACTED AREA WORK ORDERS 1255473, 1259342, AND 1259700 - ROOT CUT, FLI AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALL. A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	208 IROQUOIS AVE	06/23/11 11:21: AM	06/23/11 11:21 AM	1 GAL	Sewer Service Line	Y10692039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE  DISREV RAIN 1288593 MSD CONTRACTOR CLEANED AND SANITIZED THE INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE INVESTIGATION INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE INVESTIGATION
MORRIS FORMAN	KY0022411	400 FREEMAN AVE	02/07/11 9:34: PM	02/07/11 09:35 PM	1 GAL	Sewer Service Line	Y11301039	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE CLEANED THE IMPACTED AREA WORK ORDERS 1200936 AND 1200937 - FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	400 FREEMAN AVE	03/09/11 7:00: PM	03/09/11 07:48 PM	1 GAL	Sewer Service Line	Y11301039	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE  DISREV RAIN 1220778 CUSTOMER CLEANED THE IMPACTED AREA PROPERTY SERVICE CONNECTION  WORK ORDERS 1220775 AND 1222221 - ROOTCUT AMD OPEN THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	323 ARBOR AVE	06/23/11 9:44: AM	06/23/11 09:44 AM	1 GAL	Sewer Service Line	Y11320029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE    1288554
MORRIS FORMAN	KY0022411	6500 SOUTHSIDE DR	12/13/10 2:30: PM	12/13/10 03:15 PM	1 GAL	Sewer Service Line	Y11420029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY USTOMER CLEANED THE IMPACTED AREA WORK ORDER 1179551 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CL

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	201 SENECA TRL	04/12/11 12:00: AM	04/12/11 03:20 PM	1 GAL	Sewer Service Line	Y11586049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263948	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	201 SENECA TRL	04/13/11 3:15: PM (	04/13/11 03:41 PM	1 GAL	Sewer Service Line	Y11586049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1243975	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1244487 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2324 EMERSON AVE	02/16/11 11:15: AM	02/16/11 11:27 AM	1 GAL	Sewer Service Line	Z11032029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1206031	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1206356, 1209013, AND 1209488 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2306 TYLER LN	04/27/11 5:39: PM	04/27/11 05:39 PM	1 GAL	Sewer Service Line	Z11840019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1269819	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3928 DUTCHMANS LN	04/27/11 12:00: AM	04/27/11 11:12 AM	1 GAL	Sewer Service Line	Z18284029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265573	OFFERED COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	3928 DUTCHMANS LN	05/03/11 12:00: AM	05/03/11 07:12 AM	1 GAL	Sewer Service Line	Z18284029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265574	OFFERED CUSTOMER COURTESY CLEAN AND TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2402 VALLETTA RD	04/27/11 12:40: PM	04/27/11 12:40 PM	1 GAL	Sewer Service Line	Z20864029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267688	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	1906 DILLON DR	04/16/11 1:49: PM	04/16/11 02:12 PM	3 GAL	Sewer Service Line	Z27000019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1245349	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1245410 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	8303 CASUALWOOD WAY	02/23/11 11:00: AM	02/23/11 11:36 AM	1 GAL	Sewer Service Line	099905640000A	ROOTS IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1210466	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1210478 - ROOT CUT THE MAIN SEWER
CEDAR CREEK	KY0098540	5311 OAK CREEK LN	12/23/10 2:00: AM	12/23/10 02:35 AM	1 GAL	Sewer Service Line	114825311	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182394	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1182442 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	11416 UNITED BLVD	04/03/11 3:00: PM	04/03/11 03:27 PM	3 GAL	Sewer Service Line	13729127CC	OBSTRUCTION ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1238513	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1238508 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	9804 COLLIER LN	04/10/11 1:37: PM	04/10/11 01:59 PM	2 GAL	Sewer Service Line	1509266	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1242041	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1242040 - FLUSHED THE PROPERTY SERVICE LINE
CEDAR CREEK	KY0098540	7310 FIELDSTONE WAY	03/15/11 11:15: AM	03/15/11 11:51 AM	1 GAL	Sewer Service Line	178177	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1225093	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1225574 AND 1229894 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	8306 OLD BOUNDARY RD	06/30/11 11:30: AM	06/30/11 12:23 PM	1 GAL	Sewer Service Line	201601130000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1290952	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1290963 - ROOTCUT AND OPEN THE PROPERTY SERVICE CONNECTION
CEDAR CREEK	KY0098540	6628 HOLLY LAKE DR	01/10/11 1:00: PM	01/10/11 01:40 PM	1 GAL	Sewer Service Line	BE02335449	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189436	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1189590 AND 1189938 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6800 LONGLAKE DR	09/04/10 6:19: PM	09/04/10 06:20 PM	1 GAL	Sewer Service Line	BE02340499	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1129526	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1129679 AND 1129916 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION
CEDAR CREEK	KY0098540	6901 LONGLAKE DR	02/14/11 3:30: PM	02/14/11 04:03 PM	1 GAL	Sewer Service Line	BE02345679	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1203655	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1204506 AND 1206171 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6811 LONGLAKE DR	11/22/10 6:55: PM	11/22/10 06:58 PM	2 GAL	Sewer Service Line	BE02345889	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1169763	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1169761 - REMOVED ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6806 REELFOOT LAKE CT	03/10/11 8:17: PM	03/10/11 09:03 PM	1 GAL	Sewer Service Line	BE02373649	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1222609	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1222614, 1223606 AND 1223777 - FLUSHED THE MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6808 REELFOOT LAKE CT	04/27/11 10:02: AM	04/27/11 10:02 AM	1 GAL	Sewer Service Line	BE02373819	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1267241	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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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	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
CEDAR CREEK	KY0098540	6808 REELFOOT LAKE CT	04/28/11 9:30: AM	04/28/11 10:00 AM	1 GAL	Sewer Service Line	BE02373819	MAIN SEWER WAS STOPPED UP	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1253670	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1253671 - ROOT CUT MAIN SEWER AND OPENED
CEDAR CREEK	KY0098540	6808 REELFOOT LAKE CT	06/02/11 9:00: AM	06/02/11 09:27 AM	1 GAL	Sewer Service Line	BE02373819	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1272334	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1272358 - ROOT CUT MAIN SEWER
CEDAR CREEK	KY0098540	6612 AMIGO CT	04/26/11 5:59: PM	04/26/11 06:33 PM	55 GAL	Sewer Service Line	BE06296239	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1252722	CUSTOMER CLEANED IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
CEDAR CREEK	KY0098540	9315 CLOVERWOOD LN	08/31/10 11:00: AM	08/31/10 12:42 PM	1 GAL	Sewer Service Line		OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND A PORTION OF MAIN SEWER DAMAGED CAUSING SLIP LINE TO BUNCH UP	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1127697	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1127699, 1127557, AND 1127761 - ROOT CUT AND REPAIRED PROPERTY SERVICE LINE AND REPAIRED MAIN SEWER
CEDAR CREEK	KY0098540	5509 TEALEAF CT	04/21/11 10:45: AM	04/21/11 11:37 AM	10 GAL	Sewer Service Line	BE09176859	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1248600	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1248706 AND 1249077 - ROOT CUT AND REPARIED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	9706 STANALOUISE DR	03/03/11 10:30: AM	03/03/11 10:45 AM	1 GAL	Sewer Service Line	BE09191059	ROOTS IN MSD PORTION OF SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217558	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1218298 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	9606 HOFELICH LN	12/30/10 1:30: PM	12/30/10 03:31 PM	1 GAL	Sewer Service Line	BE09196029	GRASE OBSTRUCTION IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1185568	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1185567 - FLUSHED MAIN SEWER AND OPENED LINE
CEDAR CREEK	KY0098540	9606 HOFELICH LN	02/25/11 3:00: AM	02/25/11 03:16 AM	1 GAL	Sewer Service Line	BE09196029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1211608	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER THAT SEWER WILL HAVE TO EMPTY BEFORE SHE CAN USE
CEDAR CREEK	KY0098540	9606 HOFELICH LN	04/12/11 12:00: AM	04/12/11 11:41 AM	1 GAL	Sewer Service Line	BE09196029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1263484	ADVISED CUSTOMER TO CALL BACK IF WATER HASN'T RECEDED WITHIN 24 HRS	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
CEDAR CREEK	KY0098540	9810 HOFELICH LN	12/11/10 12:57: PM	12/11/10 01:03 PM	1 GAL	Sewer Service Line		ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1179212	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1179250 - REMOVED THE ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	5404 WETHE CT	09/07/10 3:30: PM	09/07/10 04:01 PM	1 GAL	Sewer Service Line	BE09306279	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1130014	CUSTOMER CLEANED THE IMPACTED AREA	PLUMBER WAS ABLE TO OPEN CONNECTION; WORK ORDER 1130032 - ROOT CUT MAIN SEWER
CEDAR CREEK	KY0098540	10005 PENTEL LN	12/12/10 11:36: AM	12/12/10 12:29 PM	15 GAL	Sewer Service Line	BE09307839	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1179275	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1179278 - ROOT CUT THE MAIN SEWER
CEDAR CREEK	KY0098540	10005 PENTEL LN	04/05/11 2:00: PM	04/05/11 02:36 PM	1 GAL	Sewer Service Line	BE09307839	MSD CONTRACTOR CLEANING THE MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1240081	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER INVESTAGATION NEEDED
CEDAR CREEK	KY0098540	9903 SPRIG WAY	12/18/10 5:15: PM	12/18/10 05:34 PM	1 GAL	Sewer Service Line	BE09314239	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1181635	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1181633 - FLUSHED THE PROPERTY SERVICE LINE
CEDAR CREEK	KY0098540	8102 FLORIST RD	12/12/10 12:30: PM	12/12/10 02:06 PM	20 GAL	Sewer Service Line	BW05276019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1179281	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1179444 - ROOT CUT THE MAIN SEWER
CEDAR CREEK	KY0098540	8202 SILVER BELL AVE	02/03/11 9:15: AM	02/03/11 09:39 AM	1 GAL	Sewer Service Line	BW05314049	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1198926	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1199222, 1200103 AND 1215392 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	8105 JASMINE LN	09/24/10 2:23: PM	09/24/10 02:30 PM	2 GAL	Sewer Service Line	BW05363049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1138420	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1139190 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	8311 CASUALWOOD WAY	07/01/10 7:00: PM	07/01/10 08:15 PM	1 GAL	Sewer Service Line	BW05475029	OBSTRUCTION IN MAIN SEWER	ROOTS	DISDW DRY WEATHER DISCHARGE	1104279	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1102142 & 1104143 - ROOT CUT MAIN SEWER
CEDAR CREEK	KY0098540	8305 ROSEBOWL CT	11/28/10 11:00: PM	11/28/10 11:24 PM	5 GAL	Sewer Service Line	BW05674029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1171176	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1171375 AND 1171642 - ROOT CUT AND SLIP LINE PROPERTY SERVCE LINE
CEDAR CREEK	KY0098540	8305 ROSEBOWL CT	01/24/11 10:15: AM	01/24/11 10:54 AM	1 GAL	Sewer Service Line	BW05674029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1192960	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1192970 - ROOT CUT THE PROPERTY SERVICE CONNECTION

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Associated	Associated					6							
Wastewater Treatment Plant Name	Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Cause of Overflow	Due To	Weather	WO#	Cleanup Efforts by MSD	Repair Efforts by MSD
CEDAR CREEK	KY0098540	8500 GLASER LN	12/29/10 9:00: PM	12/29/10 09:03 PM	1 GAL	Sewer Service Line	BW06017049	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1185074	CUSTOMER CLEANED THE IMPACTED AREA	REMOVED TOILET PAPER WITH POLE
CEDAR CREEK	KY0098540	8304 CABIN HILL RD	05/09/11 5:45: PM	05/09/11 06:20 PM	1 GAL	Sewer Service Line		ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1260801	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1261805 AND 1262287 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	8004 AVANTI WAY	05/03/11 1:38: PM	05/03/11 01:38 PM	1 GAL	Sewer Service Line	BW06401049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270859	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
CEDAR CREEK	KY0098540	8003 PERCHWOOD CT	05/03/11 9:35: AM	05/03/11 09:35 AM	1 GAL	Sewer Service Line	BW06519049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1270012	OFFERED CUSTOMER A COURTESY CLEAN AND ADVISED TO CALL BACK ONCE WATER HAS RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
CEDAR CREEK	KY0098540	8511 SILVER FOX RD	04/28/11 5:00: PM	04/28/11 05:30 PM	1 GAL	Sewer Service Line	BW0699704	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISREV RAIN EVENT DISCHARGE	1254155	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1254394 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6813 CROSS COUNTRY CT	03/02/11 1:30: PM	03/02/11 02:12 PM	1 GAL	Sewer Service Line	BW0712103	ROOTS ON MSD'S PORTION OF THE THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1217190	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1217200 AND 1233633 - FLUSHED AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANUT
CEDAR CREEK	KY0098540	8800 MOUNT GERALD CT	09/20/10 3:30: PM	09/20/10 04:15 PM	1 GAL	Sewer Service Line	BW0724303	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1136536	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1136847 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	7616 JOHNSON SCHOOL RD	05/23/11 8:12: PM	05/23/11 08:17 PM	2 GAL	Sewer Service Line	BW07664059	ROOTS AT THE TAP OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1266672	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1267001 AND 1267610 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	7903 GAINSBOROUGH CT	06/19/11 4:00: PM	06/19/11 05:00 PM	1 GAL	Sewer Service Line	BW07752069	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1281405	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1281404 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0098540	6810 BARDSTOWN RD	02/19/11 8:00: PM	02/19/11 10:19 PM	1 GAL	Sewer Service Line	BW08075729	GRESE BLOCKAGE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1210114	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1209156 - FLUSHED THE MAIN SEWER
CEDAR CREEK	KY0098540	6810 BARDSTOWN RD	02/28/11 7:29: PM	02/28/11 09:08 PM	1 GAL	Sewer Service Line	BW08075729	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1215625	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1215627 AND 1219000 - FLUSHED THE MAIN SEWER AND REMOVED GREASE
CEDAR CREEK	KY0098540	6810 BARDSTOWN RD	03/01/11 2:15: PM	03/01/11 03:40 PM	1 GAL	Sewer Service Line	BW08075729	GREASE IN THE MAIN SEWER	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1216645	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1216644 AND 1216647 - FLUSHED AND VACTORED THE MAIN SEWER
BANCROFT	KY0039021	7508 GLEN ARBOR RD	03/05/11 9:30: PM	03/05/11 09:58 PM	1 GAL	Sewer Service Line	1797508	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1218816	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1218832 AND 1219505 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
BANCROFT	KY0039021	7412 MARIA AVE	10/25/10 4:15: PM	10/25/10 04:27 PM	1 GAL	Sewer Service Line	T1797412A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1156005	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1156316 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
BANCROFT	KY0039021	7502 ADLER WAY	12/02/10 2:00: PM	12/02/10 03:45 PM	1 GAL	Sewer Service Line	T1797502	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173104	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1173111 AND 1173113 - ROOT CUT AND REMOVED OBSTRUCTION
BANCROFT	KY0039021	7610 OLD SALEM RD	01/01/11 10:30: PM	01/01/11 10:48 PM	1 GAL	Sewer Service Line	T1797610B	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1185902	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1185925 AND 1186660 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
BANCROFT	KY0039021	7611 OLD SALEM CT	02/18/11 5:00: PM	02/18/11 05:25 PM	1 GAL	Sewer Service Line	T1797611	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1209084	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK OREER 1216634 - ROOT CUT THE PROPERTY SERVICE LINE
BANCROFT	KY0039021	7611 OLD SALEM CT	06/23/11 8:36: PM	06/23/11 08:38 PM	1 GAL	Sewer Service Line	T1797611	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1287693	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
HUNTING CREEK NORTH	KY0029106	6730 DEEP CREEK DR	09/03/10 11:45: AM	09/03/10 12:06 PM	1 GAL	Sewer Service Line	EP46710019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1129252	CUSTOMER CLENAED THE IMPACTED AREA	WORK ORDER 1129419 - REPAIRED THE PROPERJTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HUNTING CREEK SOUTH	KY0029114	8007 MONTERO CT	12/23/10 8:52: PM	12/23/10 09:24 PM	1 GAL	Sewer Service Line	EP47980019	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1182507	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1182541 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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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	Cause of Overflow	Due To	Weather	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
TIMBERLAKE	KY0043087	6905 TIMBER BLUFF CT	01/11/11 11:30: AM	01/11/11 12:11 PM	1 GAL	Sewer Service Line	EP44820049	ROOTS ON MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1189667	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1189720 AND 1190004 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	414 WESTWOOD DR	01/31/11 12:30: PM	01/31/11 12:56 PM	1 GAL	Sewer Service Line	110272	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1195279	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1196215 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	411 WESTWOOD DR	04/22/11 1:00: PM	04/22/11 01:37 PM	1 GAL	Sewer Service Line	110280	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1249056	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1249325 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	802 MARENGO DR	08/27/10 9:00: PM	08/27/10 09:45 PM	4 GAL	Sewer Service Line	138002	HEAVY ROOTS AT THE TAP	ROOTS	DISDW DRY WEATHER DISCHARGE	1127041	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1127086 - ROOT CUT THE PROPERTY SERVICE LINE
FLOYDS FORK	KY0102784	809 MARENGO DR	04/27/11 12:00: AM	04/27/11 10:46 AM	1 GAL	Sewer Service Line	138008	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	DISREV RAIN EVENT DISCHARGE	1265164	ADVISED CUSTOMER ABOUT THE COURTESY CLEAN AND TO CALL BACK ONCE WATER RECEDED	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
FLOYDS FORK	KY0102784	12304 BROOKGREEN DR	12/03/10 4:15: PM	12/03/10 04:45 PM	1 GAL	Sewer Service Line	138942	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1173494	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1173517 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	12503 FARMBROOK DR	12/07/10 9:00: PM	12/07/10 11:37 PM	1 GAL	Sewer Service Line	139120	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1174656	CUSTOMER CLEANED UP THE IMPACTED AREA	WORK ORDER 1174726 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	17100 HILLROCK PL	04/25/11 5:20: PM	04/25/11 06:02 PM	1 GAL	Sewer Service Line	14688629	CONSTRUCTION STONE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1251884	CUSTOMER CLEANED IMPACTED AREA	WORK ORDER 1252171 - FLUSHED THE PROPERTY SERVIC LINE
FLOYDS FORK	KY0102784	12310 BRIGHTFIELD DR	02/25/11 9:15: AM	02/25/11 10:22 AM	15 GAL	Sewer Service Line	181800430000A	HEAVY ROOTS AND PAPER TOWEL IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1212293	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1212327 - ROOTCUT AND OPEN THE MAIN SEWER
FLOYDS FORK	KY0102784	12304 BRIGHTFIELD DR	02/25/11 9:15: AM	02/25/11 10:06 AM	14 GAL	Sewer Service Line	181800460000A	HEAVY ROOTS AND TOWEL PAPER IN MAIN SEWER	ROOTS	DISREV RAIN EVENT DISCHARGE	1212262	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1212281 - ROOTCUT AND OPEN THE MAIN SEWER
FLOYDS FORK	KY0102784	501 RUNNING CREEK PL	05/29/11 10:15: AM	05/29/11 10:48 AM	1 GAL	Sewer Service Line	MT11509079	PRIVATE PROPERTY ISSUE	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1271009	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO A SUPERVISOR TO MAKE NEEDED REPAIRS
CHENOWETH RUN	KY0042226	14108 TREE CREST CT	11/27/10 12:00: PM	11/27/10 12:30 PM	3 GAL	Sewer Service Line	T314A14108A	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1170910	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1171055 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH RUN	KY0042226	302 BROMWELL CT	07/13/10 8:45: AM	07/13/10 09:06 AM	1 GAL	Sewer Service Line	T314A302A	ROOTS IN MSD'S PORTION OF SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1107369	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1107500 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH RUN	KY0042226	409 TIMBERLAKE TRL	08/23/10 12:45: PM	08/23/10 01:12 PM	1 GAL	Sewer Service Line	T314A409	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DISDW DRY WEATHER DISCHARGE	1123291	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1123763 AND 1124314 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH RUN	KY0042226	411 TIMBERLAKE TRL	07/14/10 10:30: AM	07/14/10 10:54 AM	1 GAL	Sewer Service Line	T314A411	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE OR ROOT	DISDW DRY WEATHER DISCHARGE	1107830	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1107864 AND 1110968 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH RUN	KY0042226	423 TIMBERLAKE TRL	11/26/10 3:00: PM	11/26/10 03:26 PM	4 GAL	Sewer Service Line	T314A423	ROOTS IN MSD'S PORTIOM OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	DISDW DRY WEATHER DISCHARGE	1170833	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDER 1170880 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH RUN	KY0042226	603 WOODLAKE DR	10/06/10 11:00: PM	10/06/10 11:30 PM	5 GAL	Sewer Service Line	T314E603	HEAVY GREASE AND ROOTS IN MSD'S PORTION OF SERVICE CONNECTION	GREASE BLOCKAGE	DISDW DRY WEATHER DISCHARGE	1146633	CUSTOMER CLEANED THE IMPACTED AREA	WORK ORDERS 1146782, 1146785, AND 1146800 - FLUSHED MAIN SEWER AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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# **APPENDIX C - ANNUAL AVERAGE OVERFLOW VOLUME**



				October 2008 IWCS (ver8.0)		January 2009 IWCS (ver 9.5)		Change in	October 2011 IWCS (ver 9.5)		
		RECEIVING	Drainage Area	( )	0F		.5) OF	AAOV		.5) OF	Change in AAOV
		STREAM	(Acres)	AAOV	Incidents	AAOV (MG/YR)	Incidents (#	(MG/YR) 2008-2009	AAOV (MG/YR)	Incidents (#	(MG/YR)
CSO	CSO NAME			(MG/YR)	(# OF/YR)	(MG/YK)	OF/YR)		(MG/YK)	OF/YR)	2009-2011
015	SOUTHWESTERN PS	OR	7,496.7	1177.03	56	845.75	66	-331.28	645.32	59	-200.43
016	MILES PARK BYPASS	OR		82.38	37	29.94	30	-52.44	58.65	33	28.71
018	NIGHTINGALE PS	SF BGC		49.00	16	44.93	16	-4.07	1.79	6	-43.14
019	34th STREET PS	OR	1,094.0	297.92	60	305.40	60	7.48	77.63	43	-227.76
020	BUCHANAN PS	OR	86.6	6.46	14	6.60	12	0.14	148.83	39	142.23
022	FOURTH ST PS	OR	100.9	0.95	4	0.96	4	0.00	2.93	7	1.98
023	ORI @ 4th ST PS	OR		85.96	26	76.78	28	-9.18	14.55	14	-62.23
026	CRD 6th & BROADWAY	OR	Eliminated								
027	CRD 7th & BROADWAY	OR	10.1	0.00	0	0.00	0	0.00	0.00	0	0.00
028	CRD 6th & YORK	OR	6.1	0.00	0	0.00	0	0.00	0.00	0	0.00
029	CRD 8th & YORK	OR	34.8	5.66	33	5.66	33	0.00	8.22	37	2.56
030	CRD 9th & YORK "A"	OR	Eliminated								
031	CRD 6th & BRECKINRIDGE	OR	3.7	0.00	0	0.00	0	0.00	0.00	0	0.00
032	CRD 4th & BRECKINRIDGE	OR	Eliminated								
033	CRD ON YORK E OF 4th	OR	Eliminated								
034	CRD 4th & YORK	OR	5.1	0.00	0	0.00	0	0.00	0.00	0	0.00
035	CRD 2nd & BROADWAY NO 1	OR	14.3	0.23	11	0.23	11	0.00	0.08	7	-0.15
036	CRD 3rd & BROADWAY	OR	23.1	0.03	4	0.03	4	0.00	0.04	5	0.01
038	CRD 5th & BROADWAY	OR	9.5	0.00	0	0.00	0	0.00	0.00	1	0.00
049	PRESTON ST	OR	Eliminated								
050	12th STREET	OR	36.3	43.75	42	39.77	41	-3.98	15.92	27	-23.84
051	11th STREET	OR	6.3	4.95	27	3.90	28	-1.05	2.19	18	-1.71
052	10th STREET	OR	8.7	9.81	33	8.66	30	-1.15	4.53	25	-4.13
053	8th STREET	OR	34.1	4.61	23	4.54	23	-0.07	4.19	20	-0.35
054	7th STREET	OR	7.1	0.11	32	0.11	23	0.00	1.60	20	1.49
055	6th STREET	OR	18.0	21.10	34	19.17	31	-1.93	8.55	22	-10.63
056	5th STREET	OR	22.0	2.91	18	2.81	18	-0.10	1.93	13	-0.88
057	FIRST STREET OVFL WEIR	OR		0.00	0	0.00	0	0.00	0.00	0	0.00
058	PRESTON ST OVFL WEIR	OR	105.4	121.51	51	124.16	51	2.65	107.63	56	-16.53
062	LOGAN COMPANY	OR		0.00	0	0.00	0	0.00	0.00	0	0.00
065	LAMPTON STREET	SF BGC	Eliminated								
080	PAYNE STREET	MF BGC	Eliminated								

				October 2008 IWCS (ver8.0)		January 2009 IWCS (ver 9.5)		Change in	October 2011 IWCS (ver 9.5)		
CSO	CSO NAME	RECEIVING STREAM	Drainage Area (Acres)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR) 2008-2009	AAOV (MG/YR)	OF Incidents (# OF/YR)	Change in AAOV (MG/YR) 2009-2011
081	LETTERLE	SF BGC	Eliminated								
082	BGI AT BGC	SF BGC		1.16	24	1.13	24	-0.03	4.92	31	3.79
083	BRENT ST & BROADWAY CONNECT	SF BGC	38.1	0.00	0	0.00	0	0.00	0.00	0	0.00
084	BRENT ST @ BGC	SF BGC	125.1	17.96	34	17.94	34	-0.02	0.45	15	-17.49
086	PAYNE AT SPRING	MF BGC	6.1	0.00	0	0.00	0	0.00	0.00	0	0.00
087	BLUEHORSE	SF BGC	Eliminated								
088	MELLWOOD AVE INT	SF BGC	18.8	0.58	6	0.58	6	0.00	3.98	20	3.40
091	SCHILLER AVE OVFL	SF BGC	15.0	1.62	34	1.62	34	0.00	1.33	30	-0.29
092	ST CATHERINE @ BGC	SF BGC	7.7	0.00	0	0.00	0	0.00	0.00	0	0.00
093	SPRING STREET	SF BGC	20.8	1.81	37	1.81	37	0.00	0.18	7	-1.62
097	CANTONMENT SIPHON NO 2	SF BGC		16.19	44	16.07	45	-0.12	10.17	35	-5.90
104	SW PKWY SEWER @ BROADWAY	OR	62.0	0.20	5	0.20	5	0.00	4.01	16	3.81
105	WESTERN OUTFALL @ BROADWAY	OR	1,881.2	21.43	19	21.46	19	0.03	59.19	30	37.73
106	ROYAL - NEFF	SF BGC	11.8	0.34	17	0.34	17	0.00	0.32	12	-0.02
108	REG N0 1 - NEWBURG	SF BGC	485.2	31.83	13	36.07	27	4.24	1.71	5	-34.36
109	REG NO 2 - DEER PARK	SF BGC	95.4	0.27	3	0.27	3	0.00	0.00	0	-0.27
110	REG NO 3 - GOSS AVE	SF BGC	73.0	30.49	44	30.39	43	-0.10	6.39	34	-24.01
111	EMERSON STREET SEWER	SF BGC	99.4	0.00	0	0.00	0	0.00	0.49	4	0.49
113	ELLISON AVENUE SEWER	SF BGC	67.6	7.74	37	7.74	37	0.00	5.20	19	-2.54
117	REG NO 11 - DRY RUN	SF BGC	74.2	94.99	41	94.13	41	-0.86	32.95	35	-61.18
118	REG NO 15 - E BRDWY	SF BGC	354.1	100.49	39	100.17	39	-0.32	57.38	34	-42.79
119	BRENT STREET SEWER	SF BGC	7.6	12.59	40	12.51	40	-0.08	4.77	27	-7.75
120	PHOENIX HILL SEWER	SF BGC	16.5	9.24	51	9.24	51	0.00	9.04	51	-0.20
121	REG NO 18 - GREEN ST	SF BGC	107.2	11.26	28	11.23	28	-0.03	3.66	21	-7.57
123	REG NO 20 - RUTH-SULGRV	MF BGC	Eliminated								
125	REG NO 24 - GRINSTEAD DR	MF BGC	391.0	48.58	55	48.63	54	0.05	201.31	56	152.68
126	REG NO 26 - RAYMOND AVE	MF BGC	35.3	0.55	13	0.55	13	0.00	3.12	17	2.57
127	ETLEY AVENUE	MF BGC	192.3	4.63	21	4.63	21	0.00	7.11	27	2.48
130	WEBSTER STREET	SF BGC	28.4	0.86	10	0.85	10	-0.01	1.52	21	0.67
131	REG NO 33 - MELWD & FRANKFORT	SF BGC	50.3	0.06	3	0.06	3	0.00	0.71	7	0.65
132	REG NO 35 - BROWNSBORO	MudF BGC	674.0	149.39	56	149.36	56	-0.03	53.15	23	-96.21
137	CALVARY CEMETARY	SF BGC	26.7	3.94	37	3.93	37	-0.01	2.28	23	-1.65

				October 2008 IWCS (ver8.0)		January 2009 IWCS (ver 9.5)		Change in	October 2011 IWCS (ver 9.5)		Change in
		RECEIVING	Drainage Area					AAOV			
		STREAM	(Acres)	AAOV	OF	AAOV	OF	(MG/YR)	AAOV	OF	AAOV
CCC	CCO NAME		( 1 12)	(MG/YR)	Incidents (# OF/YR)	(MG/YR)	Incidents (# OF/YR)	2008-2009	(MG/YR)	Incidents (# OF/YR)	(MG/YR)
CSO	CSO NAME				( - ' )		01,111,		` ′		2009-2011
140	LOCUST STREET	MF BGC	75.5	17.01	54	17.01	54	0.00	1.39	28	-15.63
141	BAXTER AVE @ BGC	SF BGC	7.7	5.07	27	5.06	27	-0.01	5.01	27	-0.05
143	KENTUCKY ST BLOW-OFF	SF BGC	Eliminated								
144	VANCE ST REGULATOR	MF BGC	16.4	0.00	0	0.00	0	0.00	0.00	0	0.00
145	POINT PUMP STATION	SF BGC	Eliminated								
146	SNEADS BRANCH DIVERSION	SF BGC	112.6	50.45	46	52.57	58	2.12	52.01	34	-0.57
147	SWAN STREET DIVERSION	SF BGC	Eliminated								
148	EASTERN PKWY DIVERSION	SF BGC	24.9	1.27	26	1.27	26	0.00	1.15	26	-0.11
149	DRY RUN DIVERSION	SF BGC	226.5	56.93	38	56.78	37	-0.15	36.36	23	-20.42
150	8th ST @ COMMON PLACE	OR	1.8	8.50	35	7.95	32	-0.55	5.94	31	-2.01
151	REG NO 5 - CASTLEWOOD	SF BGC	219.7	85.00	56	86.01	57	1.01	51.08	43	-34.93
152	REG NO 7 - SOUTHEASTERN	SF BGC	260.6	76.43	52	76.34	52	-0.09	175.44	57	99.10
153	COOPER STREET	SF BGC	41.7	15.67	56	15.66	56	-0.01	8.23	45	-7.43
154	MELLWOOD @ SCHOEFFEL	MudF BGC	31.0	1.96	16	1.96	16	0.00	1.36	13	-0.61
155	ROWAN ST @ 12th ST	OR	11.9	2.06	39	2.05	39	-0.01	1.93	39	-0.12
156	6th & WASHINGTON SAN DIV	OR	Eliminated								
160	SEWER IN ALLEY SAN DIV	OR	2.0	0.28	28	1.24	76	0.96	0.12	11	-1.13
161	MARKET ST SAN DIV	OR	2.5	0.01	1	0.001	1	-0.01	0.00	0	0.00
162	BEALS BRANCH HW REG	MF BGC	Eliminated								
166	BEALS BRANCH SAN DIV	MF BGC	696.6	10.09	19	10.13	19	0.04	64.79	36	54.66
167	BROWNSBORO LAT NO 2	MudF BGC	11.0	1.00	12	0.95	12	-0.05	3.27	27	2.32
172	ADAMS STREET	OR	13.7	1.28	31	1.28	31	0.00	1.10	25	-0.17
178	CRD 9th & YORK "B"	OR	58.0	1.44	16	1.44	16	0.00	4.96	27	3.51
179	KENTUCKY ST SEWER OVFL	SF BGC	456.2	0.00	0	0.00	0	0.00	0.00	0	0.00
181	CRD 2nd & BROADWAY NO 2	OR	22.6	0.27	11	0.01	3	-0.26	1.75	22	1.74
189	NORTHWESTERN SAN DIV	OR	1,148.7	184.41	38	175.86	37	-8.55	54.26	28	-121.60
190	SEVENTEENTH ST SAN DIV	OR	145.4	36.19	49	36.19	49	0.00	30.49	47	-5.71
191	ALGONOUIN PKWY SAN DIV	OR	339.7	51.08	30	40.26	21	-10.82	8.67	16	-31.59
192	CRD S 6th & GARLAND	OR	9.0	0.00	0	0.00	0	0.00	0.01	4	0.01
193	CRD S 6th & KENTUCKY	OR	22.7	0.04	5	0.04	5	0.00	0.02	4	-0.02
194	CRD S OAK W OF 4th	OR	Eliminated								

		DECEMBIC	Deciman	October 20 (ver8		2	9 IWCS (ver .5)	Change in		1 IWCS (ver .5)	Change in
CSO	CSO NAME	RECEIVING STREAM	Drainage Area (Acres)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR) 2008-2009	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV
195	CRD S 4th & OAK	OR	7.3	2.19	55	2.19	55	0.00	1.64	43	-0.55
196	CRD S 3rd & OAK	OR	2.2	0.24	19	0.13	11	-0.11	0.09	7	-0.04
197	CRD S 3rd S OF OAK	OR	4.5	4.17	53	3.02	47	-1.15	3.89	39	0.87
198	CRD S 3rd & ORMSBY	OR	4.4	0.00	5	0.00	2	0.00	0.01	4	0.01
199	CRD S 3rd N OF MAGNOLIA	OR	8.6	0.46	45	0.46	45	0.00	0.20	28	-0.26
200	CRD S 3rd & MAGNOLIA	OR	10.3	4.91	65	4.91	65	0.00	2.92	65	-2.00
201	CRD S 5th & KENTUCKY	OR	8.3	0.00	0	0.00	0	0.00	0.00	0	0.00
202	CRD S ORMSBY W OF 3rd	OR	5.3	0.09	13	0.09	13	0.00	0.05	9	-0.04
203	CRD S 4th & ORMSBY	OR	14.2	0.00	0	0.00	0	0.00	0.00	0	0.00
204	CRD S FIFTH & BRECKINRIDGE	OR	Eliminated								
206	CHEROKEE PARK @ SPRING DR	MF BGC	464.6	8.64	39	19.91	52	11.27	59.60	53	39.69
207	2nd & JEFFERSON	OR	2.3	0.05	2	0.04	1	-0.02	0.03	1	-0.01
208	12th & JEFFERSON	OR	11.2	0.33	11	0.33	11	0.00	0.00	0	-0.33
209	CHEROKEE PK @ PARK BD RD	MF BGC	Eliminated								
210	45th STREET-GREENWOOD	OR	166.7	503.73	52	197.29	51	-306.44	83.24	29	-114.06
211	MAIN DIVERSION STRUCTURE	OR	3,554.9	465.55	29	377.61	29	-87.94	391.10	25	13.49
SBR	SBR CSOs 142,174,180,182,183,184,185,186,187,188,205			12.15	9	12.14	9	-0.01	0.00	0	-12.14
			Total	4,092	2,314	3,298	2,348		2,632	1,968	

 Total AAOV Difference (MG/YR)
 613.82
 -793.02
 -667

 Total AAOV Difference (Percentage)
 15%
 -19%
 -25%

<b>Details</b>	of Individual SBR CSOs						
SBR	CSOs 142,174,180,182,183,184,185,186,1						
142	SBR LOGAN ST @ ST CATHERINE	SF BGC	157.5	0.00	0	0.00	0
174	SBR GOSS & BOYLE	SF BGC	6.8	37.31	57	37.30	57
180	SBR ORMSBY AVE RELIEF	SF BGC	221.6	0.27	11	0.27	11
182	SBR SHELBY & BURNETT	SF BGC	3.6	44.75	44	44.76	44
183	SBR ALEXANDER & KESWICK	SF BGC	104.8	0.00	0	0.00	0
184	SBR FETTER & ALEXANDER	SF BGC	108.2	0.43	13	0.43	13
185	SBR SHELBY & KESWICK	SF BGC	4.7	0.55	7	0.55	7
186	SBR LOGAN & OAK	SF BGC	7.2	0.00	0	0.00	0

		DECEIVING	DECEMBE Designed Asso		(ver8.0)		January 2009 IWCS (ver 9.5)		October 2011 IWCS (ver 9.5)		Change in
CSO	CSO NAME	RECEIVING STREAM	G Drainage Area (Acres)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV (MG/YR) 2008-2009	AAOV (MG/YR)	OF Incidents (# OF/YR)	AAOV
187	SBR SHELBY & CAMP	SF BGC	13.1	0.00	0	0.00	0			-	
188	SBR SHELBY & CLAY	SF BGC	11.5	0.03	8	0.03	8				
205	SBR MORGAN STREET RELIEF	SF BGC	9.5	0.00	0	0.00	0				



# **APPENDIX D - CSO FLOW MONITORING DATA**



# Missing Data for 7/1/2010 to 9/30/2010

CSO019- Flow meter battery failure between 07/03 and 07/10, as well as between 08/26 and 9/01

CSO127 – Flow meter battery failure between 08/01 and 08/04

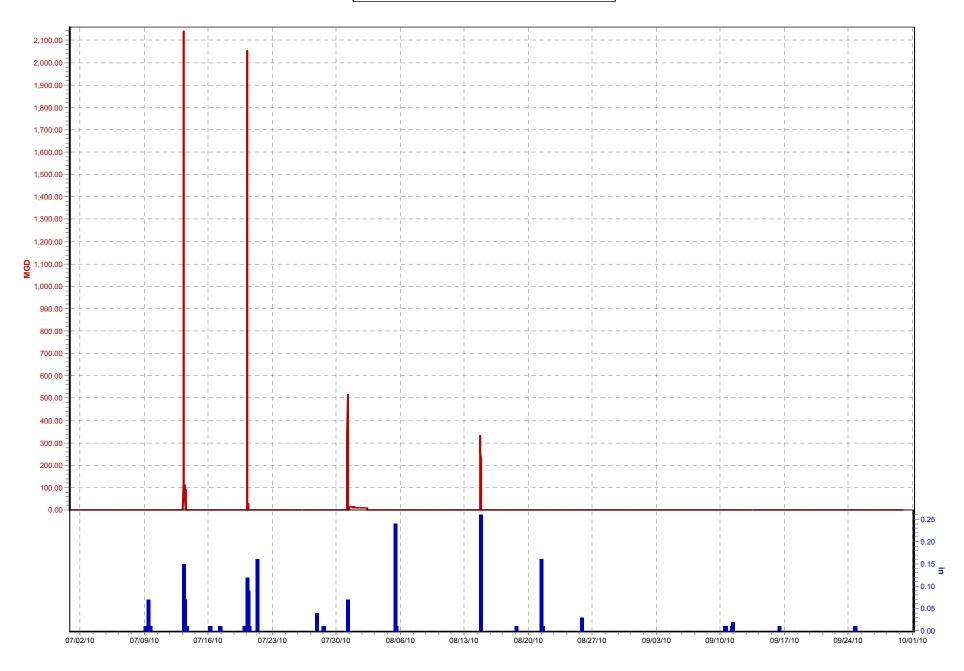
CSO132 - Flow meter battery failure between 09/09 and 09/10

CSO153 – Multiple flow meter battery failures between 08/02 and 08/16

# CSO015\_Hist\_Data (07/01/10 to 10/01/10)

Flow (MGD)

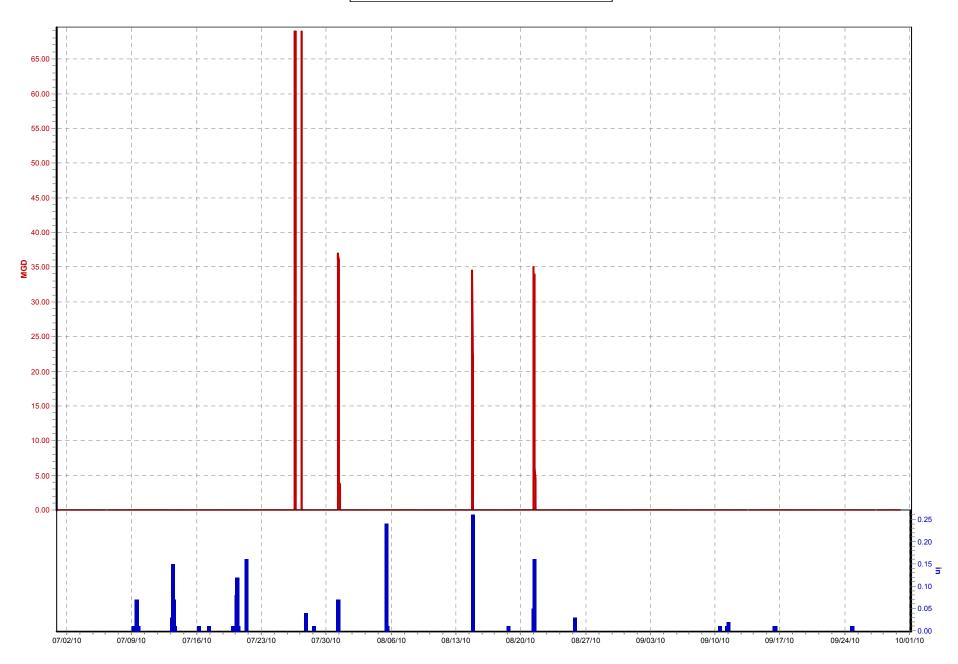
TR04\_Hist\_Data.Rain (in)



# CSO016\_Hist\_Data (07/01/10 to 10/01/10)

Flow (MGD)

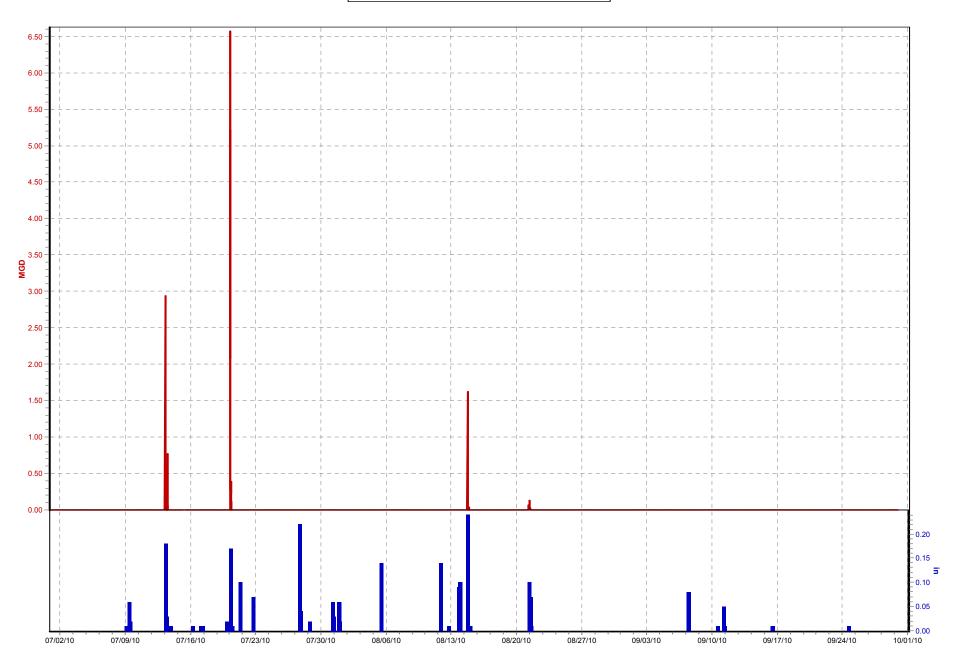
TR04\_Hist\_Data.Rain (in)



# CSO018\_Hist\_Data (07/01/10 to 10/01/10)

Flow (MGD)

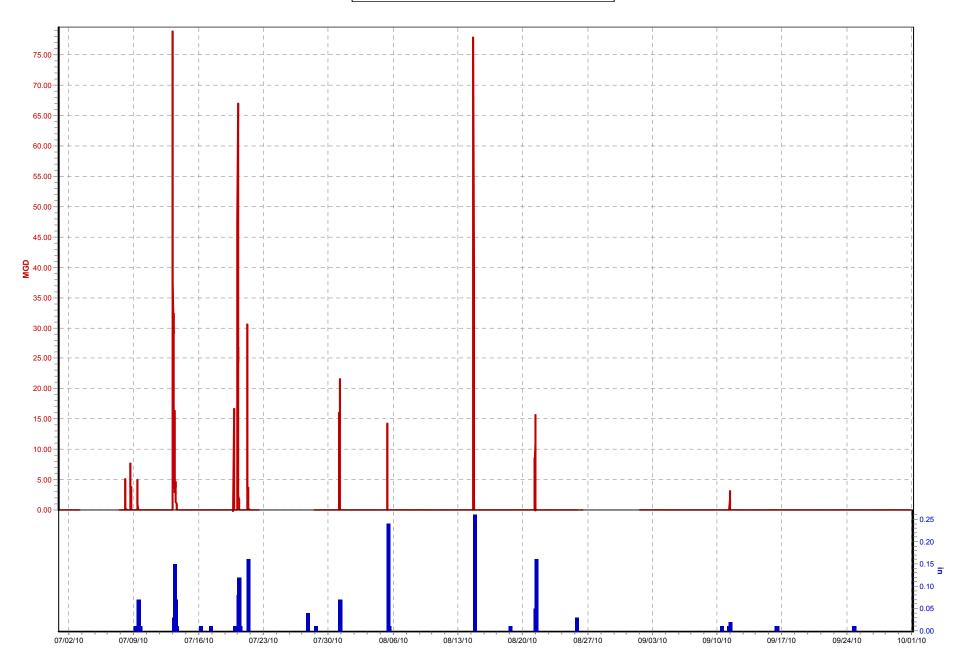
TR12\_Hist\_Data.Rain (in)



#### CSO019 (07/01/10 to 10/01/10)

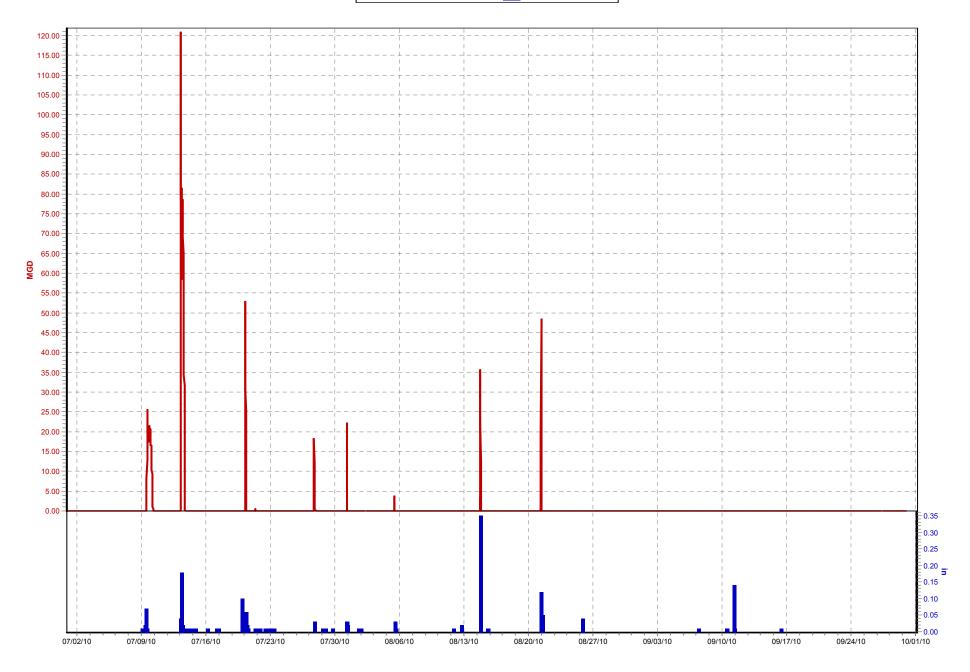
Flow 1 (MGD)

TR04\_Hist\_Data.Rain (in)



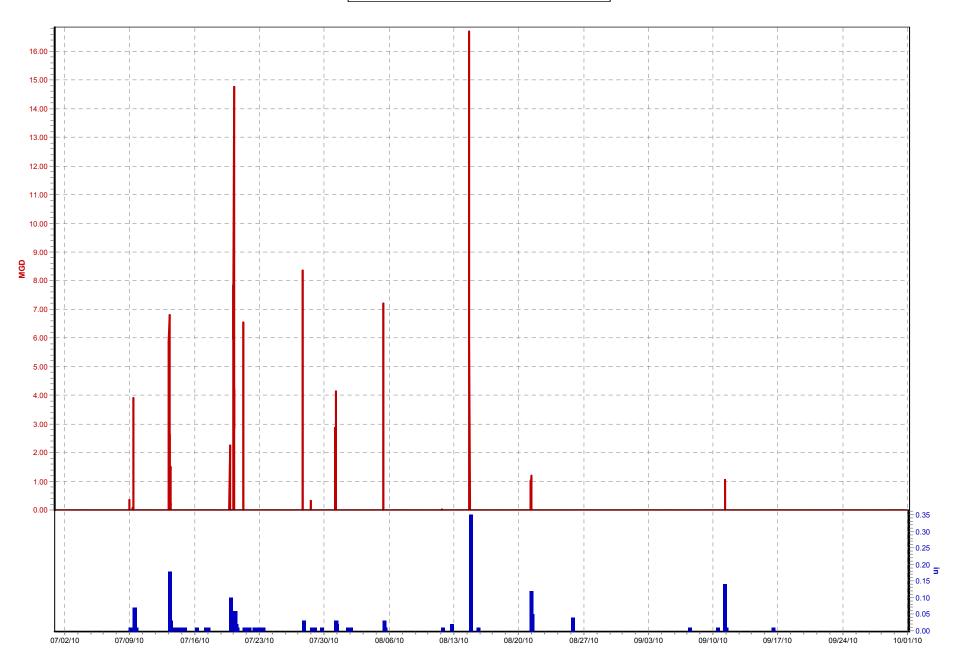
# CSO020\_Hist\_Data (07/01/10 to 10/01/10)

Flow (MGD) TR05\_Hist\_Data.Rain (in)



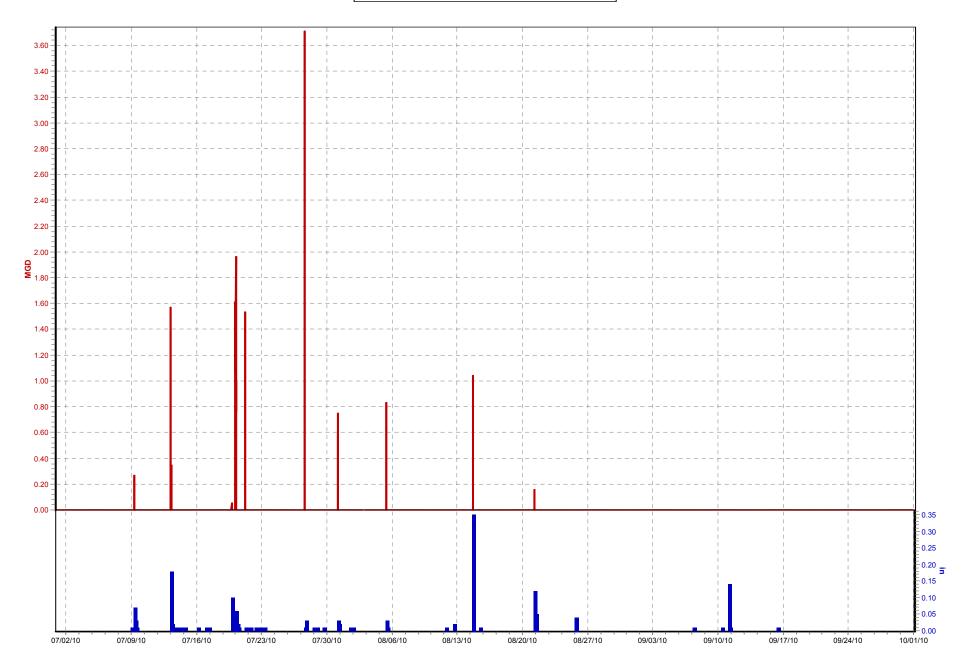
# CSO050 (07/01/10 to 10/01/10)





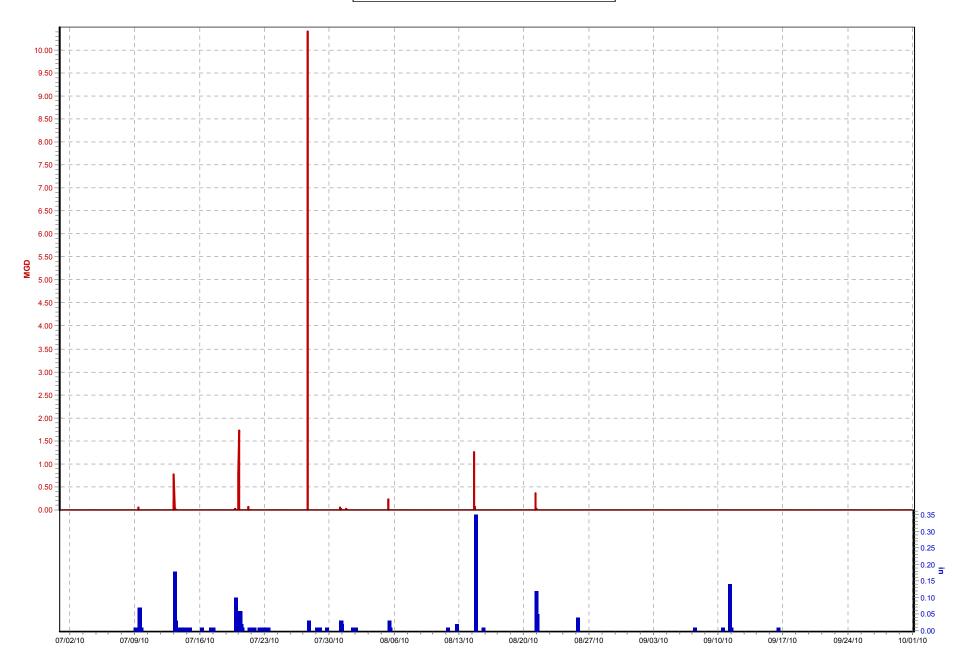
# CSO055 (07/01/10 to 10/01/10)

Flow 1 (MGD) TR05\_Hist\_Data.Rain (in)



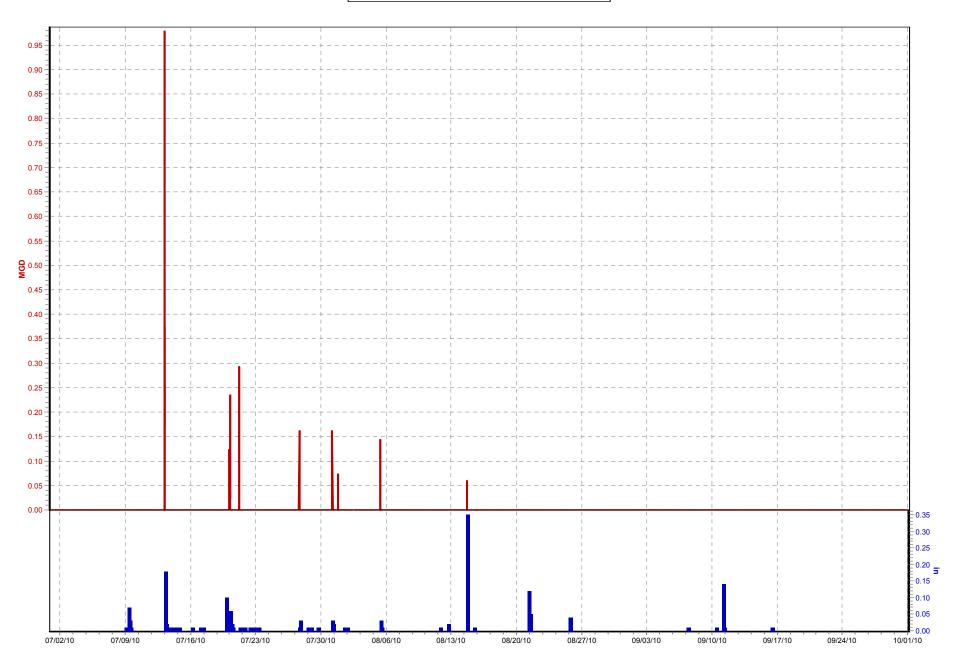
# CSO058 (07/01/10 to 10/01/10)

Flow 1 (MGD) TR05\_Hist\_Data.Rain (in)

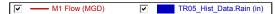


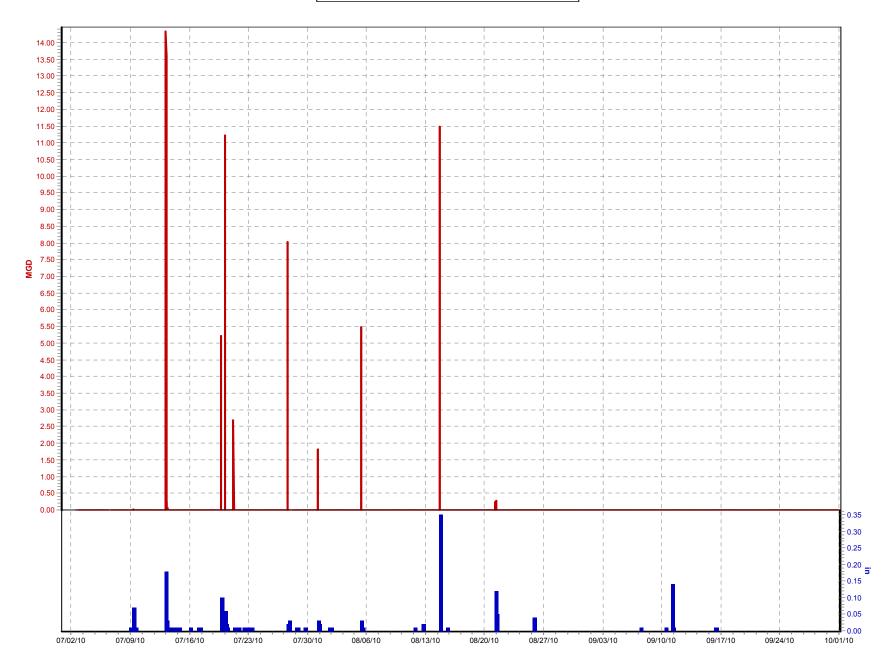
# CSO084 (07/01/10 to 10/01/10)





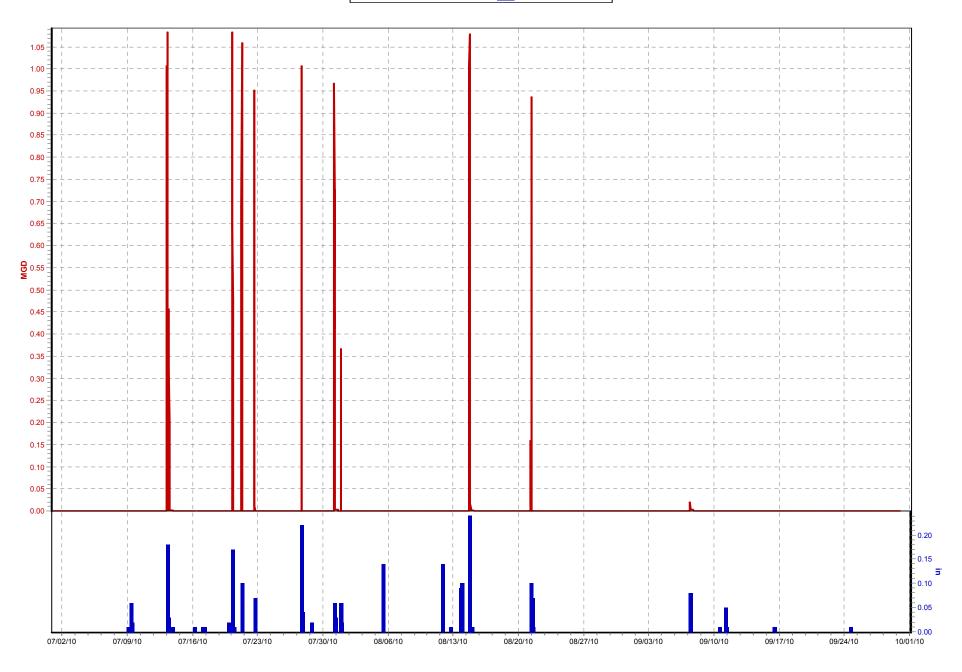
# CSO088 (07/01/10 to 10/01/10)





# CSO097\_Hist\_Data (07/01/10 to 10/01/10)

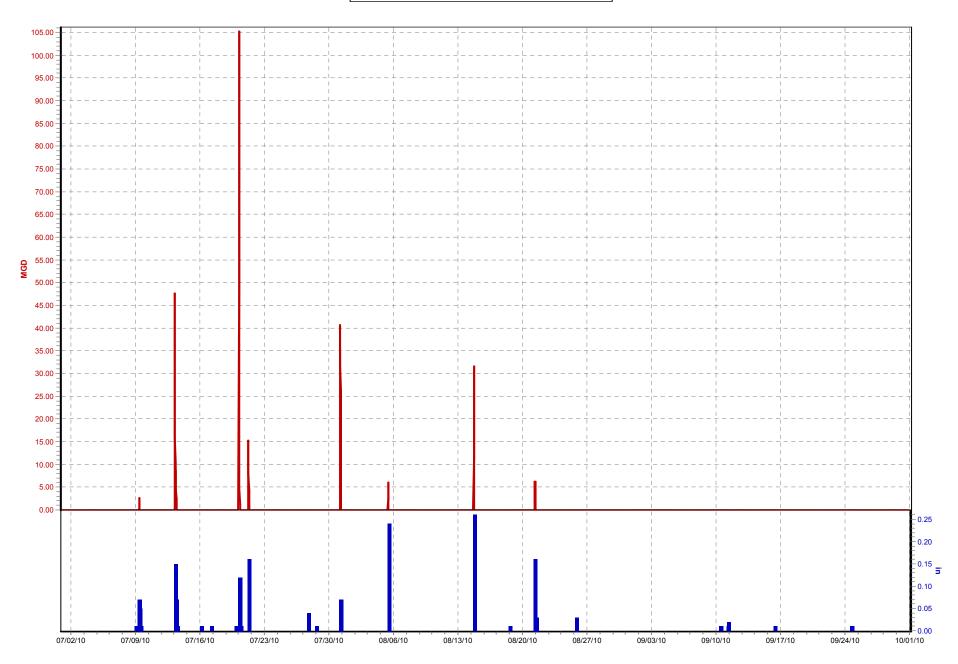
Flow (MGD) TR12\_Hist\_Data.Rain (in)



#### CSO105 (07/01/10 to 10/01/10)

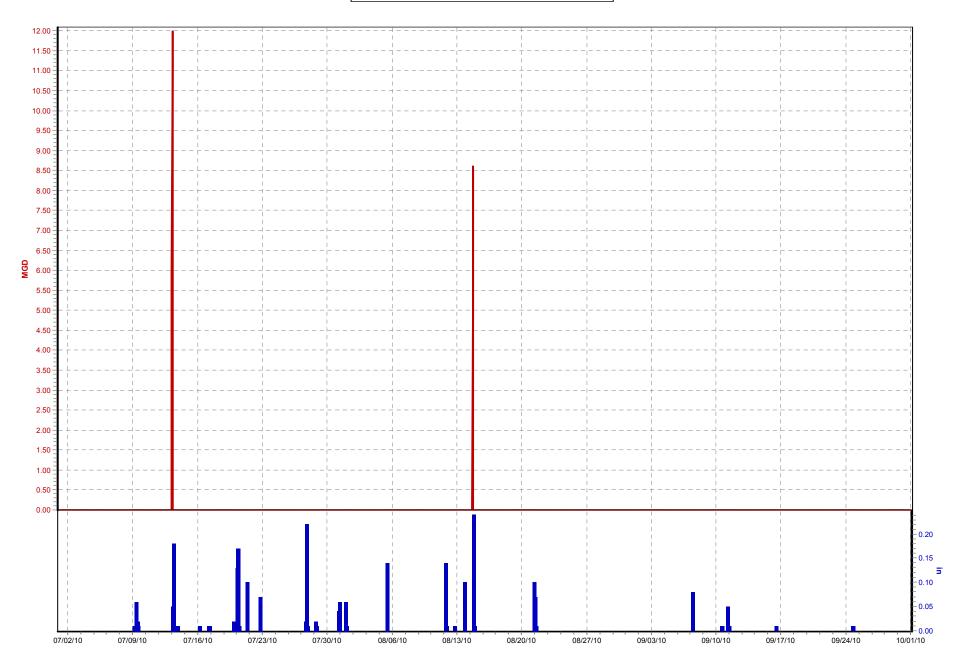
Flow 1 (MGD)

TR04\_Hist\_Data.Rain (in)



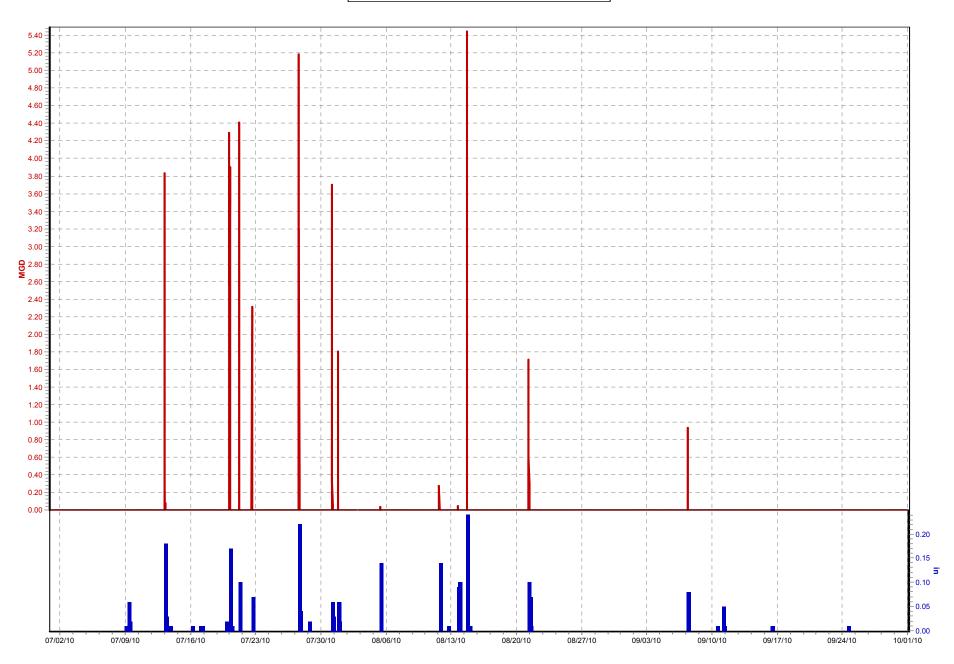
# CSO108 (07/01/10 to 10/01/10)

Flow 1 (MGD) TR12\_Hist\_Data.Rain (in)



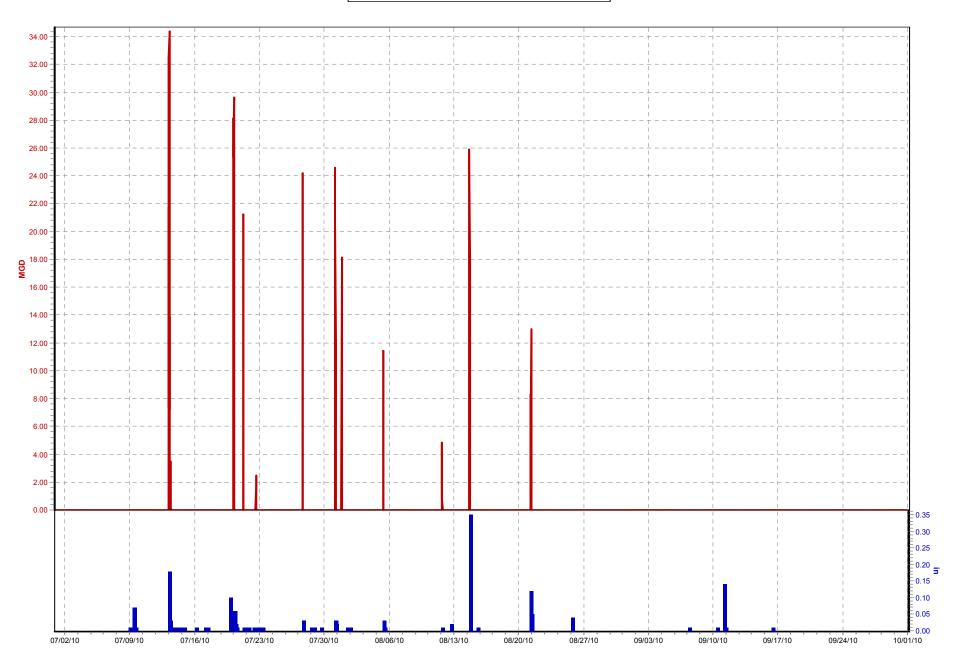
#### CSO110 (07/01/10 to 10/01/10)

Flow 1 (MGD) TR12\_Hist\_Data.Rain (in)



#### CSO117 (07/01/10 to 10/01/10)

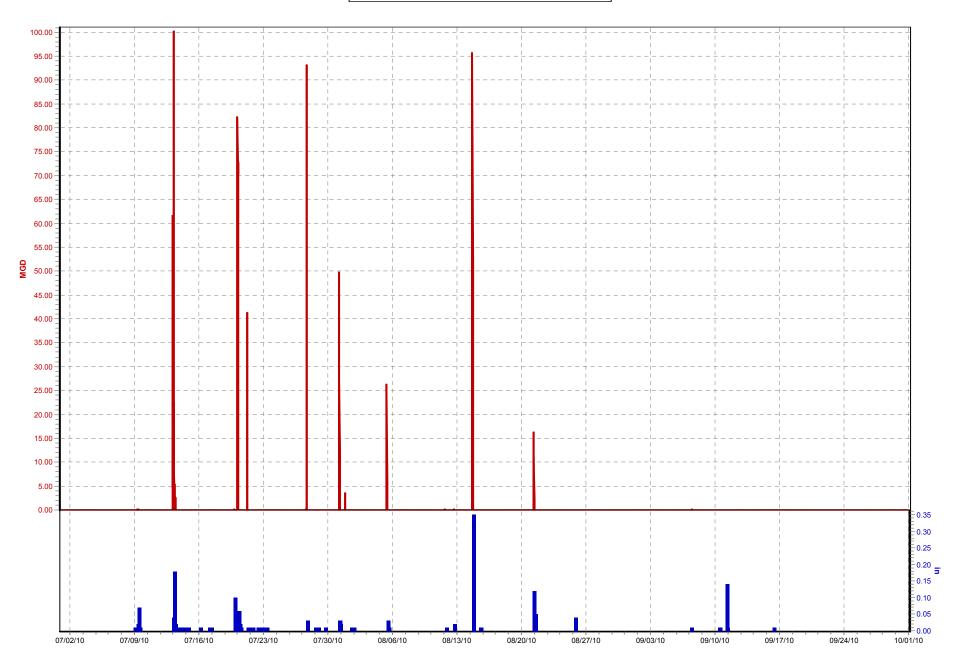
Flow 1 (MGD) TR05\_Hist\_Data.Rain (in)



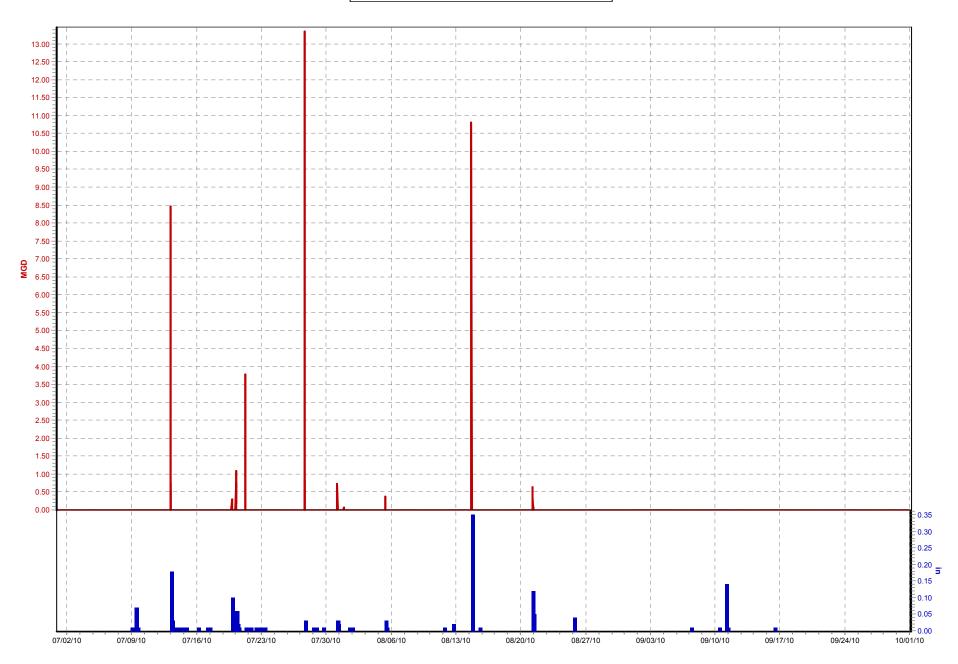
#### CSO118 (07/01/10 to 10/01/10)

Flow 1 (MGD)

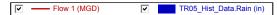
TR05\_Hist\_Data.Rain (in)

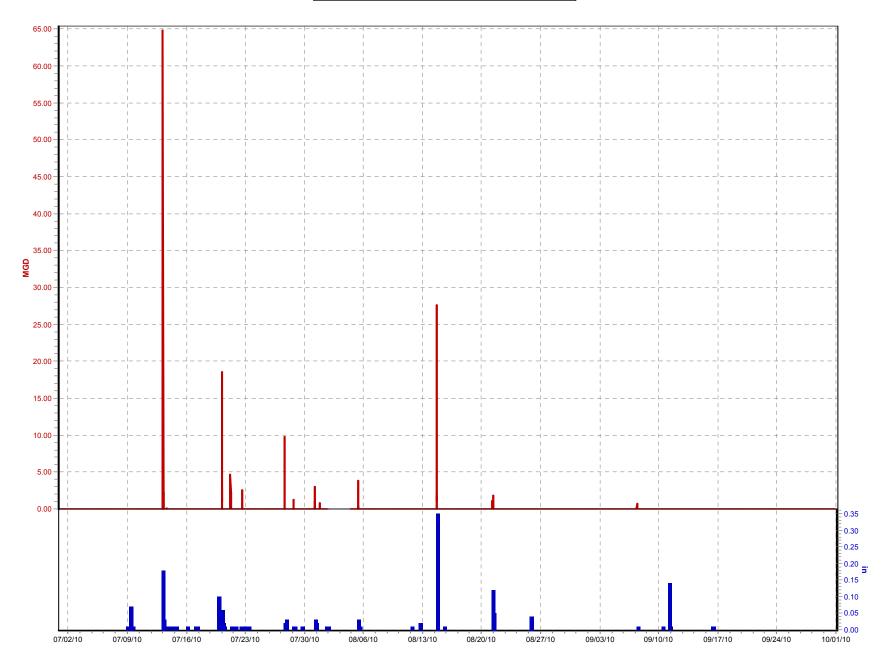


## CSO121 (07/01/10 to 10/01/10)

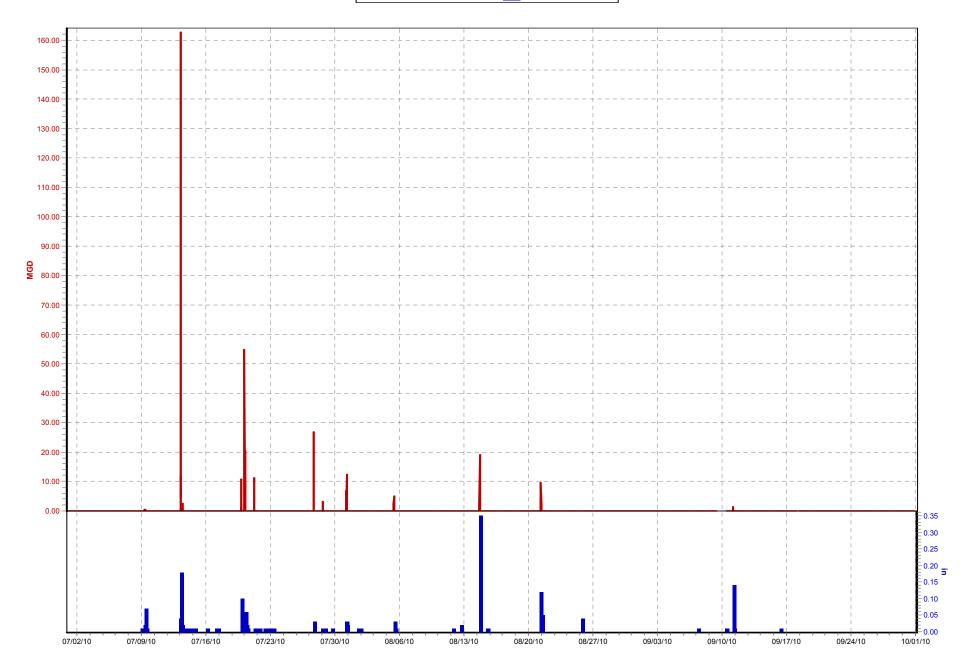


### CSO127 (07/01/10 to 10/01/10)

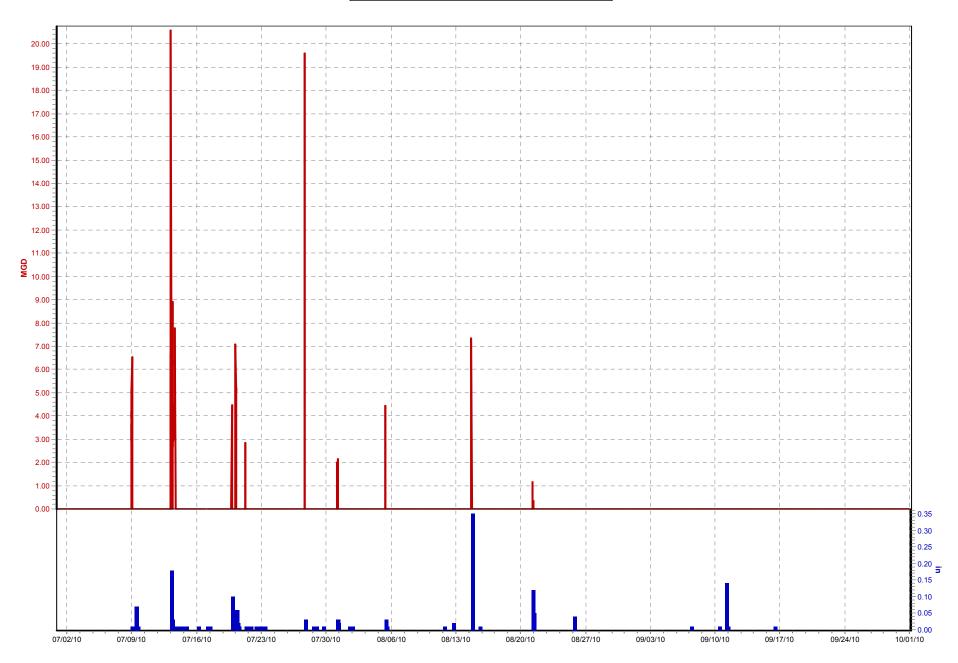




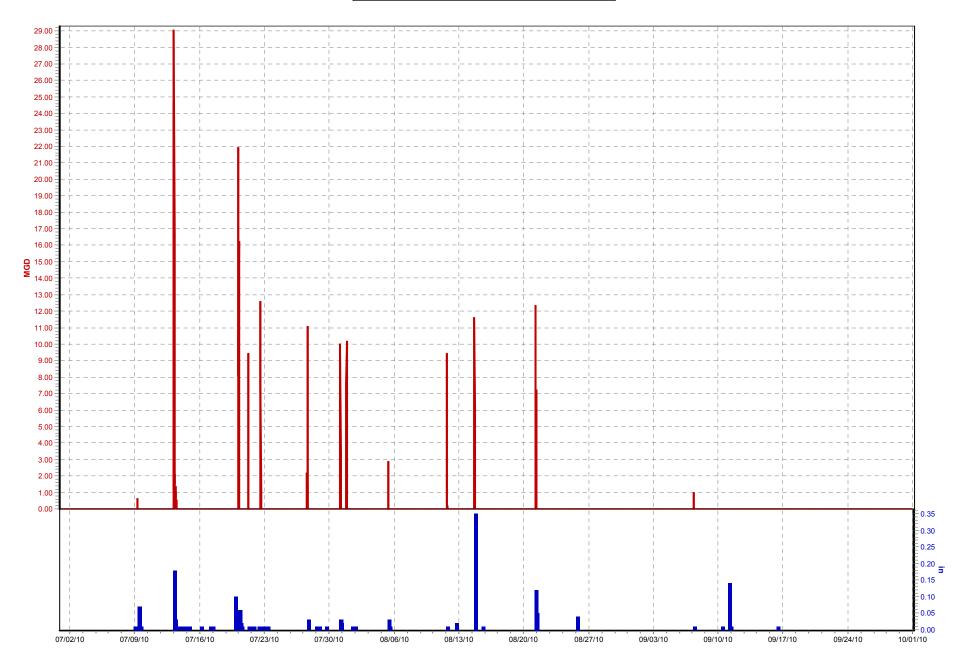
## CSO132 (07/01/10 to 10/01/10)



## CSO140 (07/01/10 to 10/01/10)

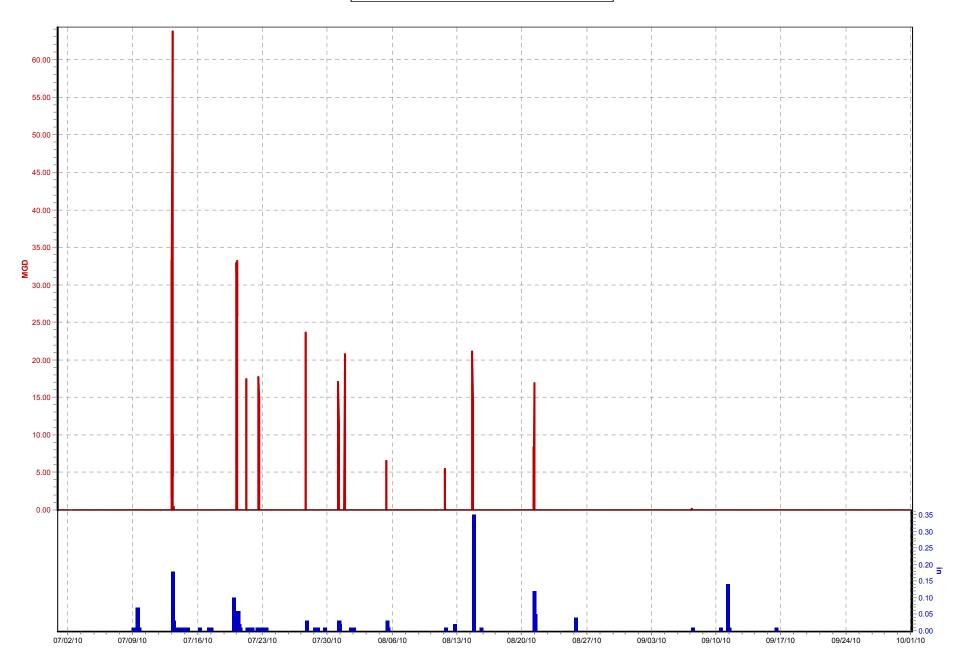


## CSO146 (07/01/10 to 10/01/10)

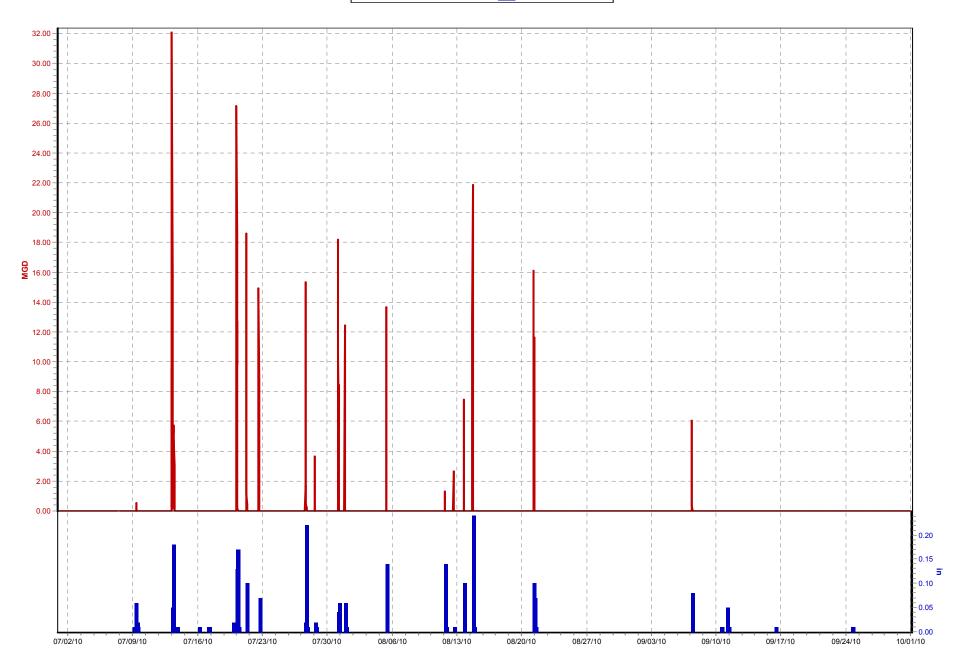


## CSO149 (07/01/10 to 10/01/10)



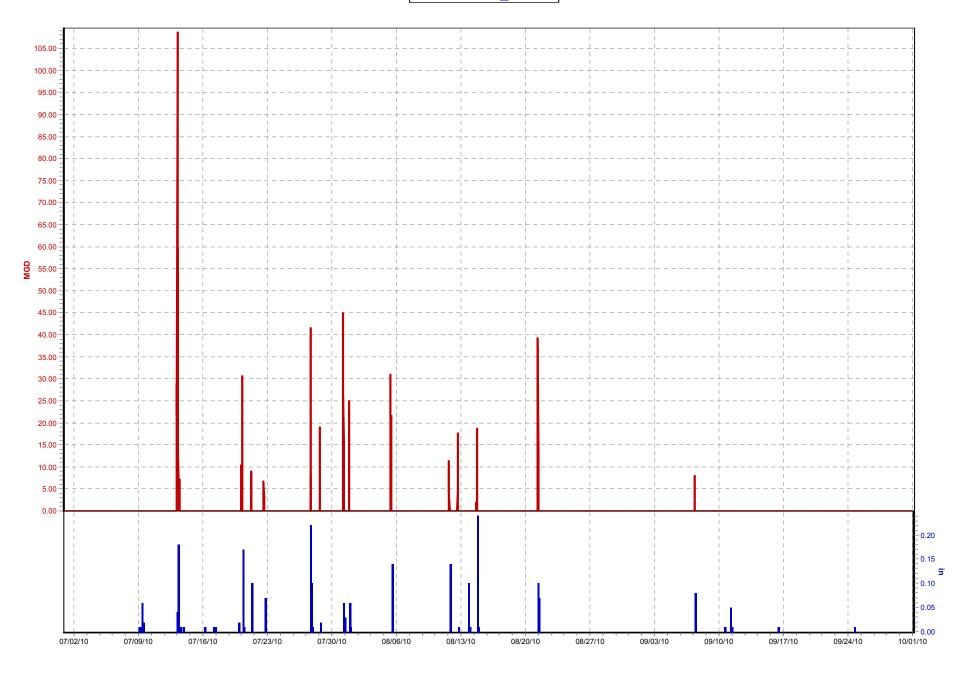


### CSO151 (07/01/10 to 10/01/10)

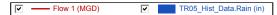


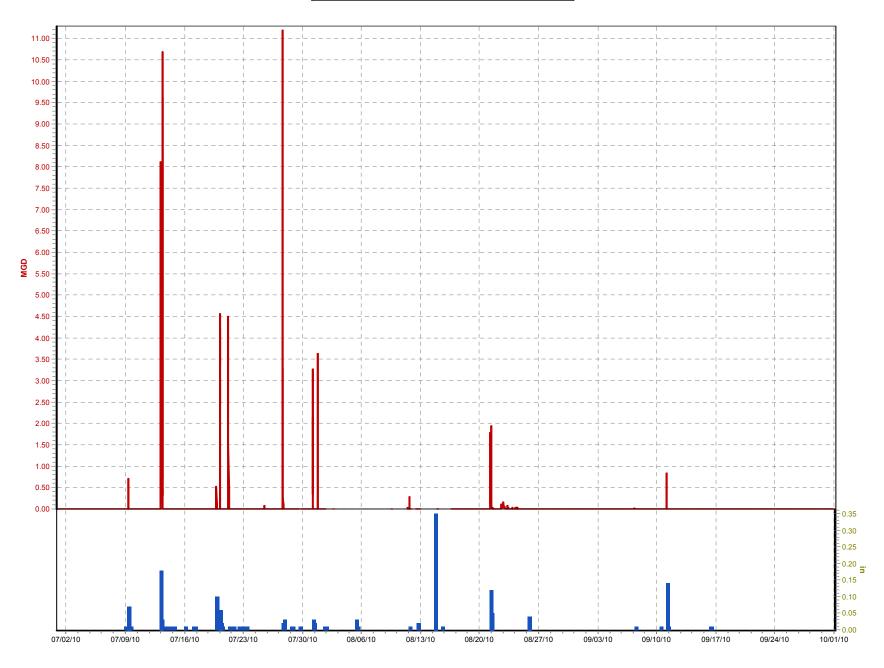
## CSO152 (07/01/10 to 10/01/10)

Flow (mgd) Rain (in)

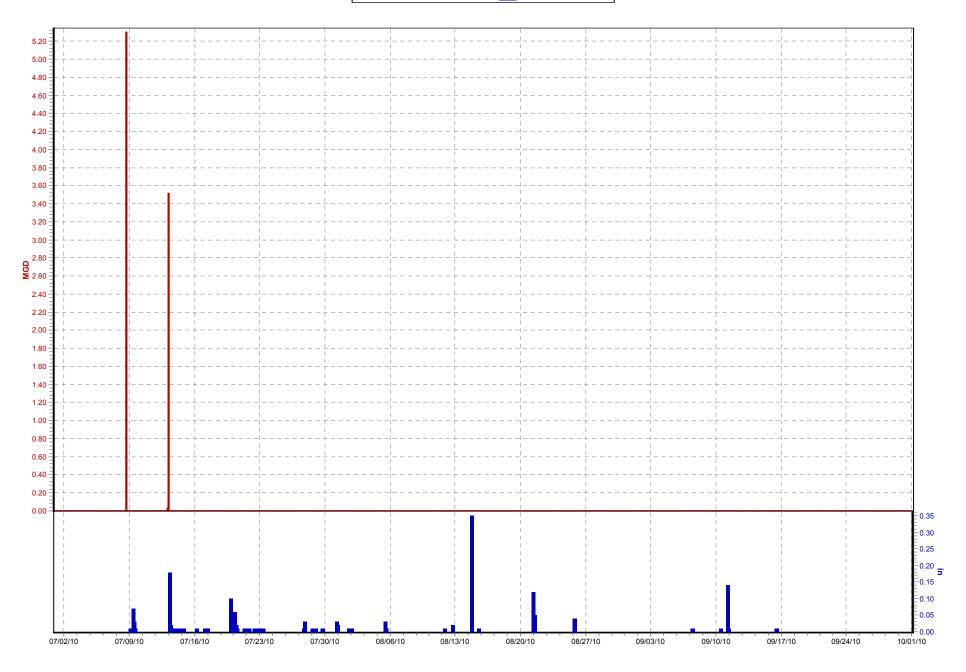


### CSO153 (07/01/10 to 10/01/10)

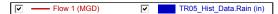


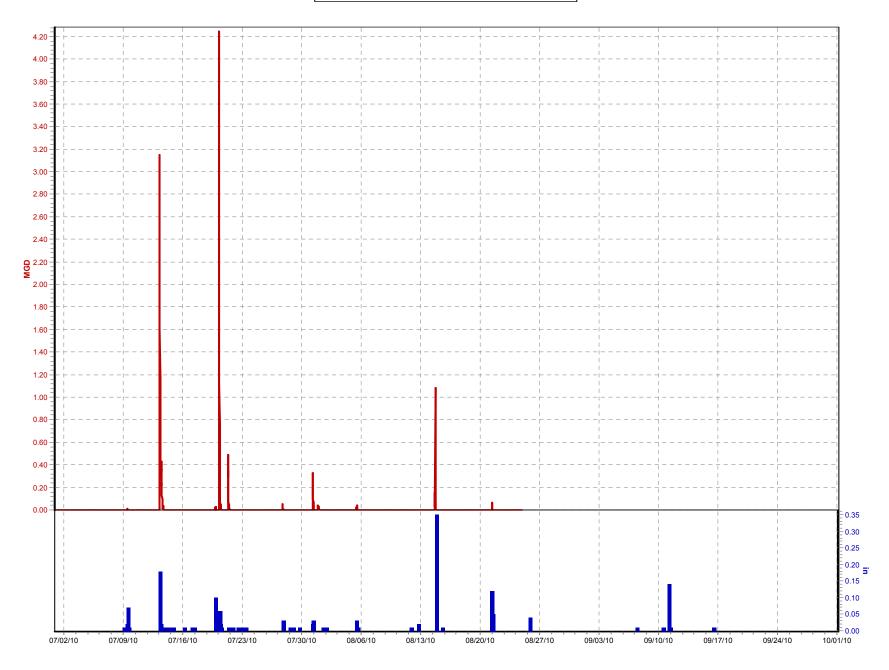


## CSO166 (07/01/10 to 10/01/10)

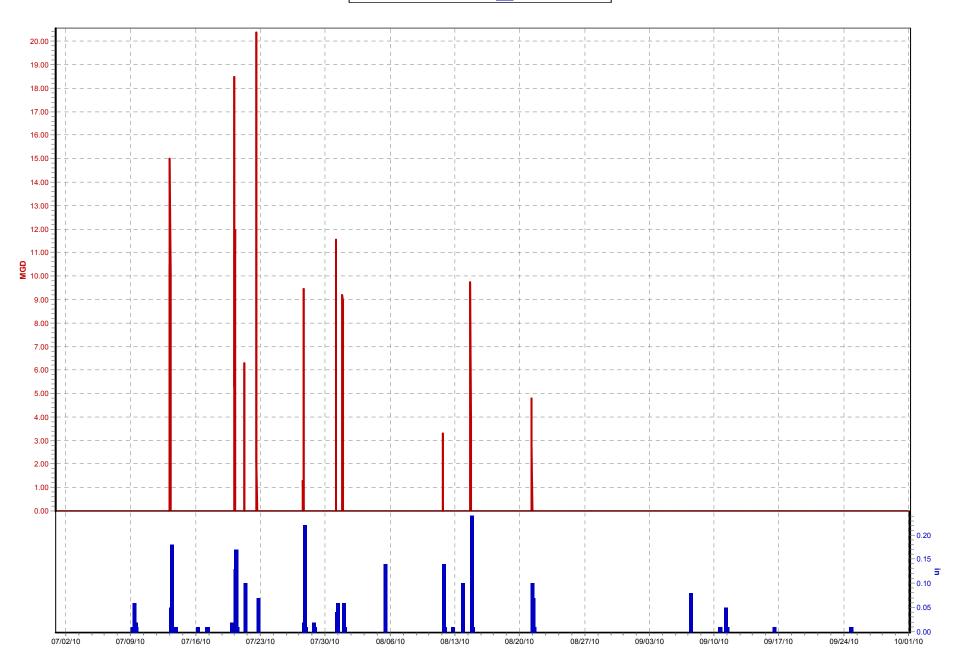


## CSO172 (07/01/10 to 10/01/10)

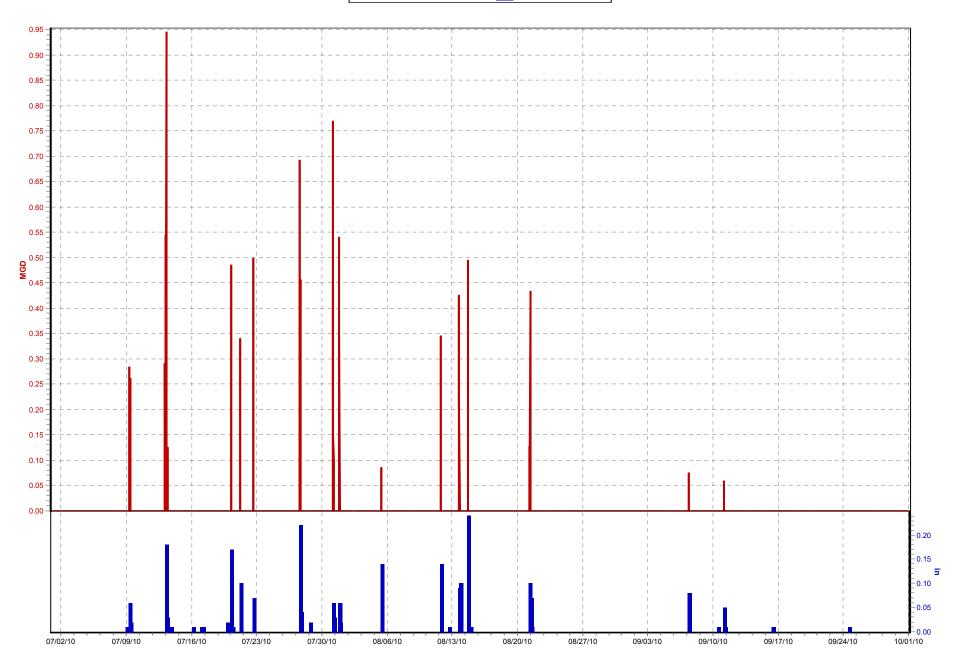




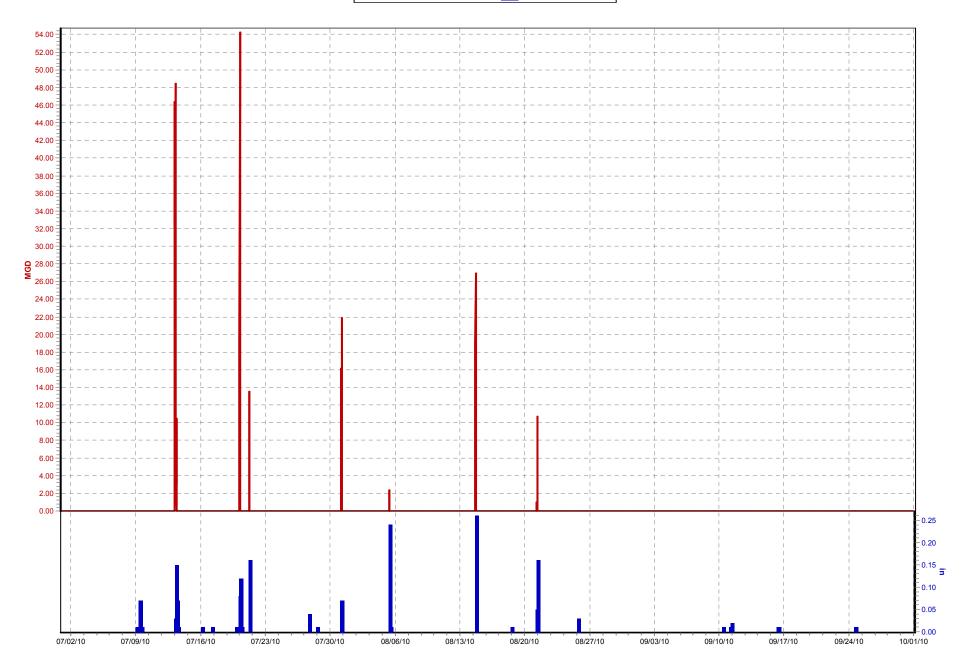
## CSO174 (07/01/10 to 10/01/10)



### CSO182 (07/01/10 to 10/01/10)

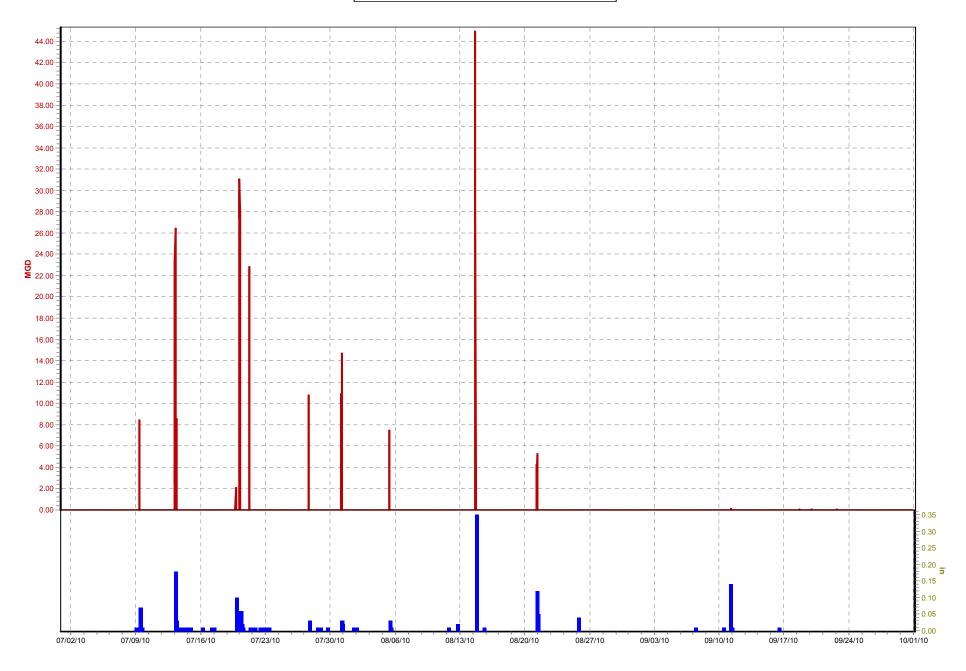


### CSO189 (07/01/10 to 10/01/10)

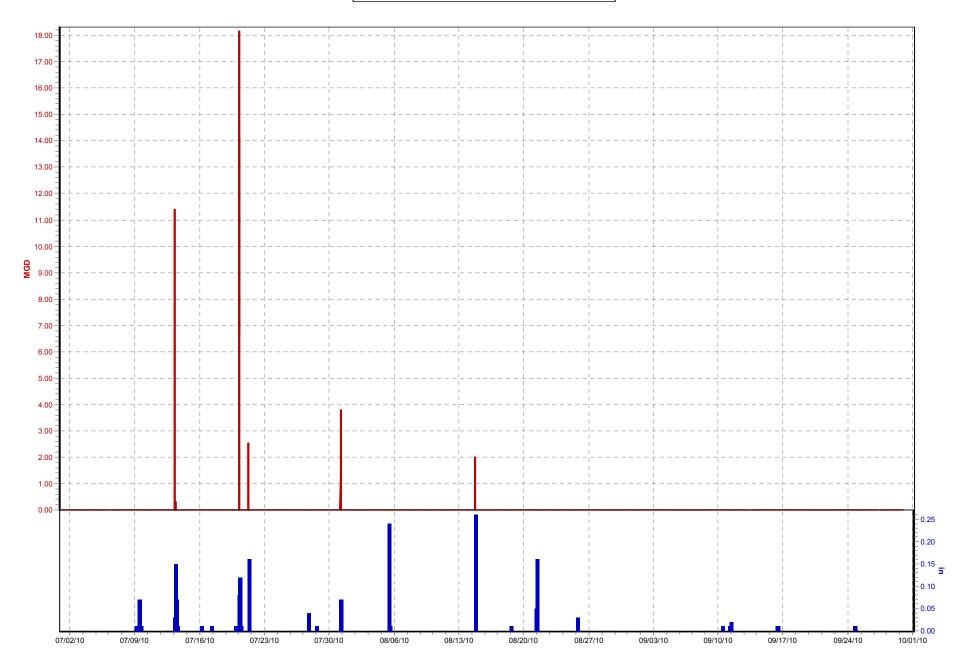


## CSO190 (07/01/10 to 10/01/10)

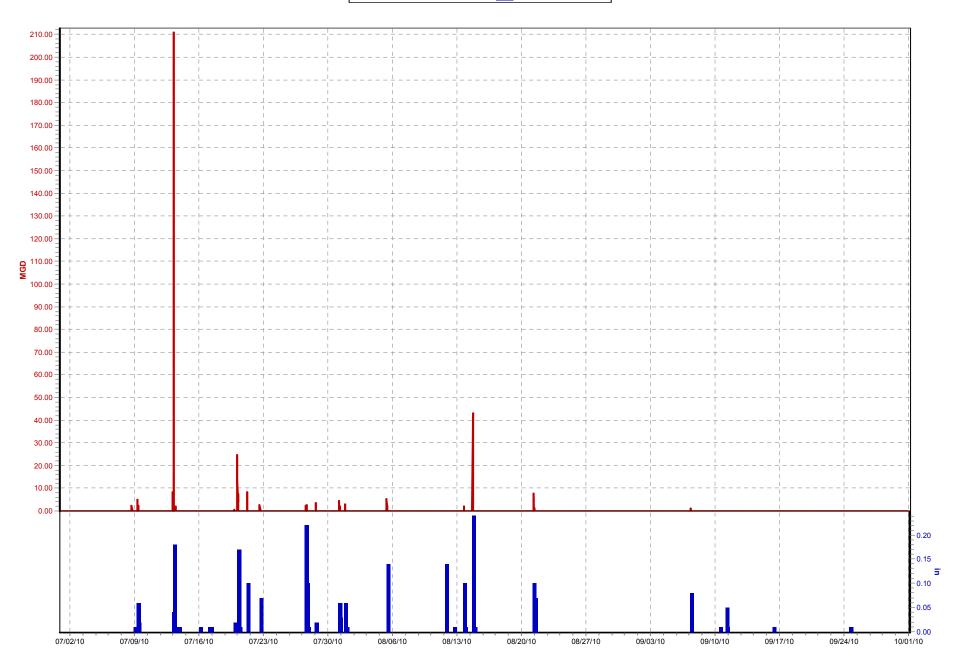




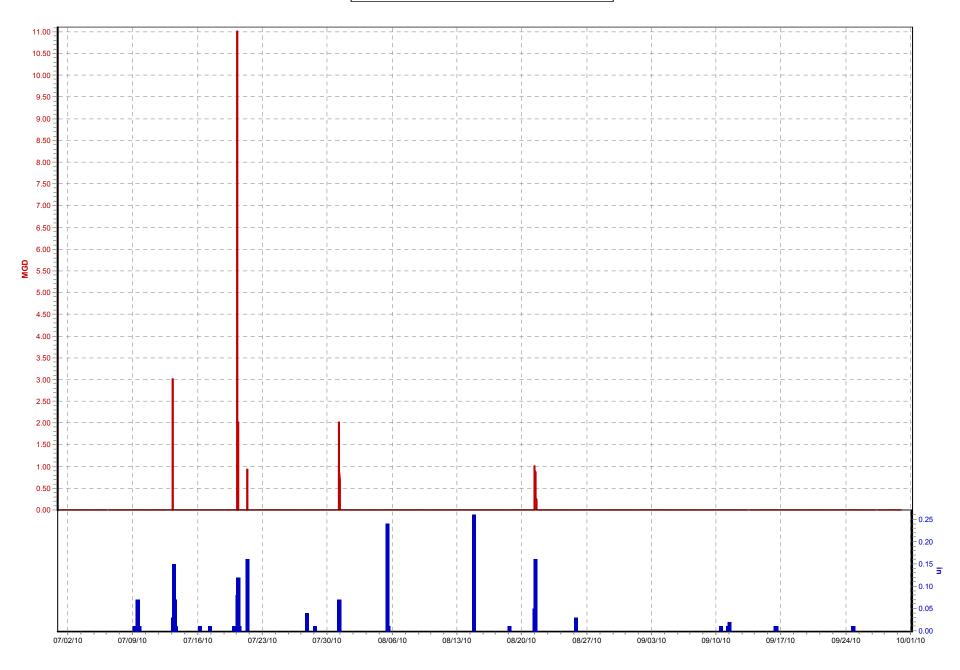
## CSO191\_Hist\_Data (07/01/10 to 10/01/10)



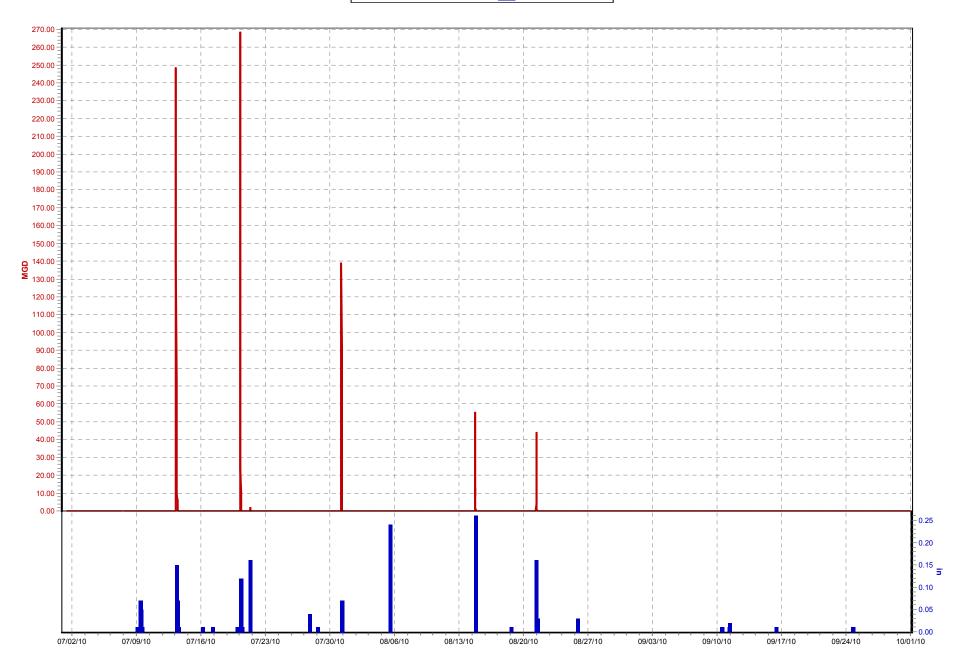
### CSO206 (07/01/10 to 10/01/10)



## CSO210\_Hist\_Data (07/01/10 to 10/01/10)



### CSO211 (07/01/10 to 10/01/10)



# Data Exceptions for 10/1/2010 - 12/31/2011

Note 1 - On November 23<sup>rd</sup>, December 11<sup>th</sup> and December 15<sup>th</sup>, there was flow at several CSOs with no rain gauge data being present. MSD analyzed radar rainfall data and found rainfall records in the combined sewer area on those days preceding the overflow events. MSD believes that these overflow events were caused by wet weather.

Missing Data for 10/1/2010 – 12/31/2010

CSO050 – Experienced minor data gaps between 12/14/2010 and

12/20/2010 due to a new

battery installation

CSO108 – Flow meter was uninstalled on 12/02/2010

CSO118 – Flow meter battery was down from 11/24/2010 – 11/29/2010

CSO121 – Flow meter battery was down from 11/24/2010 – 11/29/2010

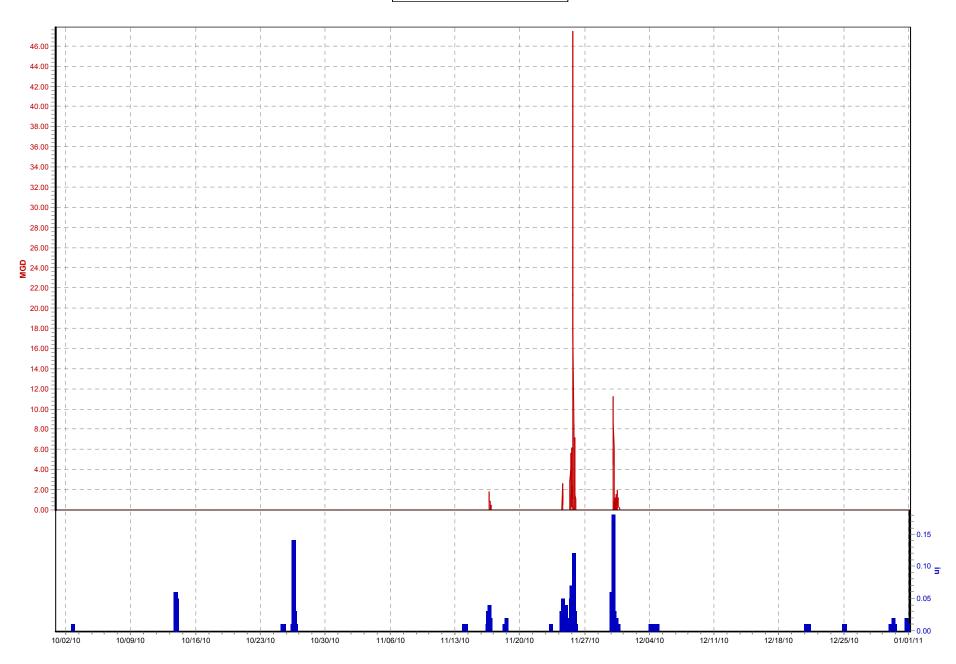
CSO172 – Meter was uninstalled in August, 2010.

CSO182 - The flow meter battery was down from <math>10/19/2010 - 11/3/2010.

A problem was recognized with the flow meter on 11/28/2010. A new flow meter was installed on 12/13/2010.

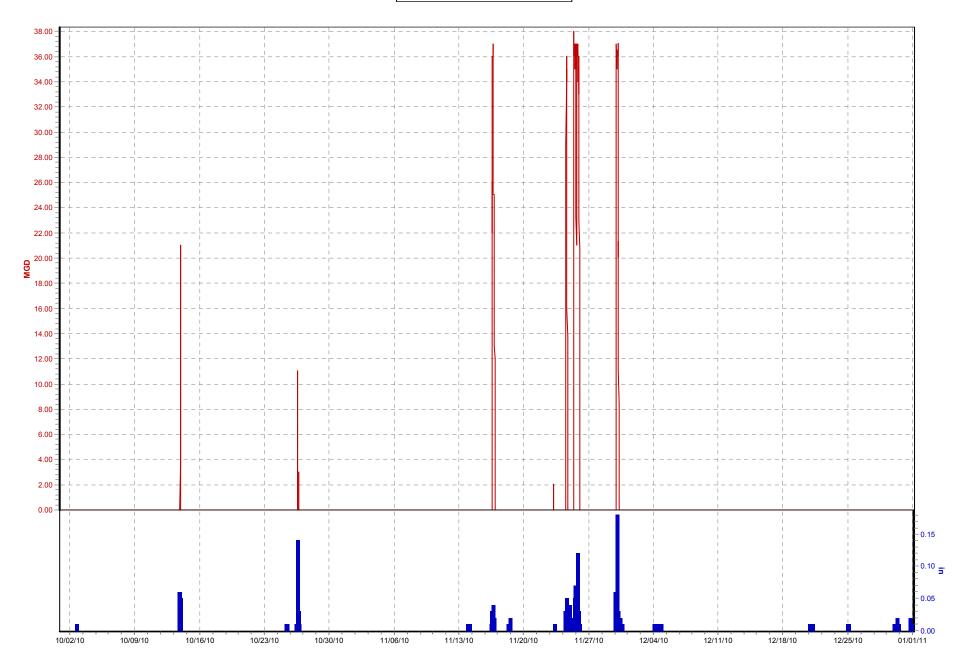
## CSO015\_Hist\_Data (10/01/10 to 01/01/11)

▼ — Flow (MGD) ▼ TR04.Rain (in)



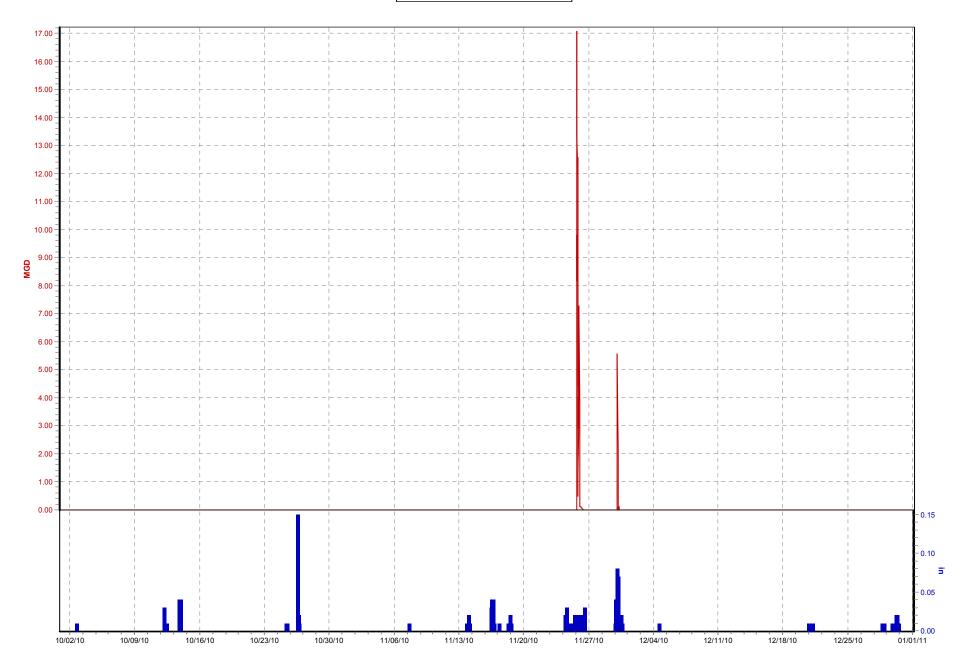
## CSO016 (10/01/10 to 01/01/11)

✓ — Flow (MGD)
✓ TR04.Rain (in)



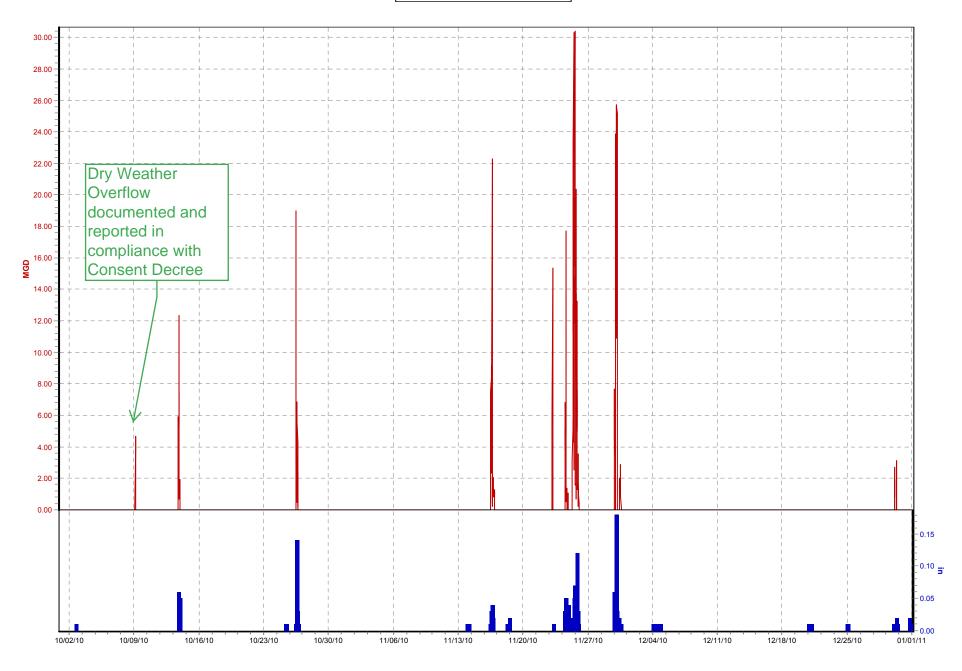
## CSO018 (10/01/10 to 01/01/11)

Flow (MGD) TR12.Rain (in)



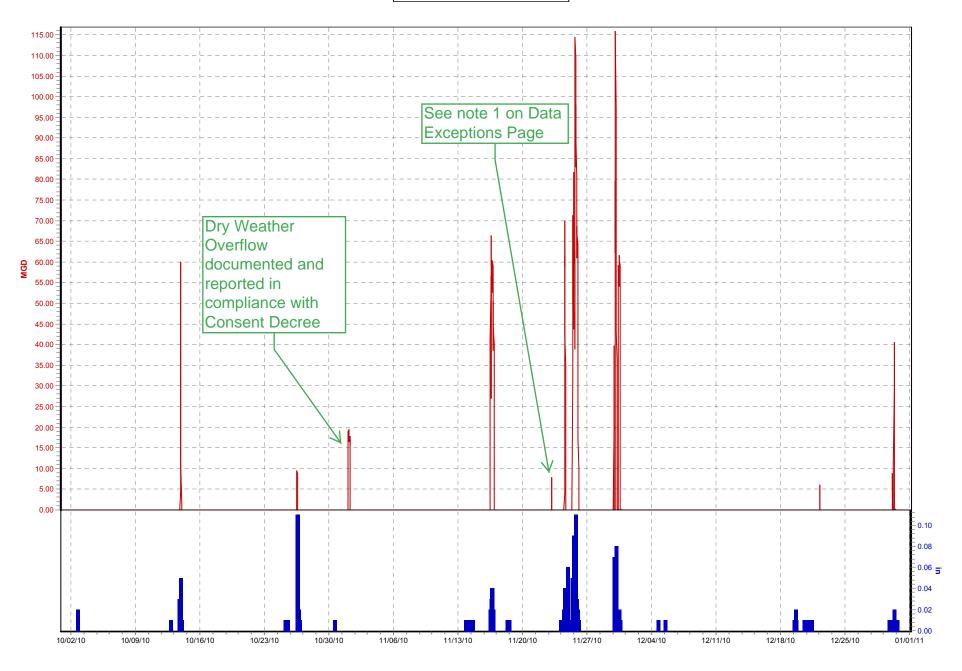
### CSO019 (10/01/10 to 01/01/11)

▼ — Flow 1 (MGD) ▼ TR04.Rain (in)



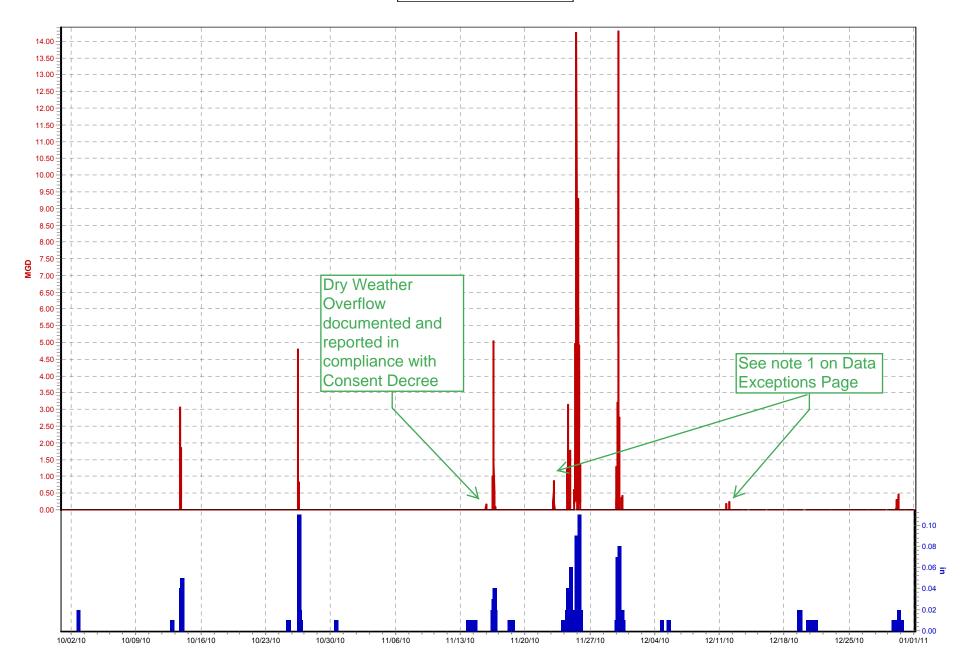
### CSO020 (10/01/10 to 01/01/11)

Flow (MGD) TR05.Rain (in)



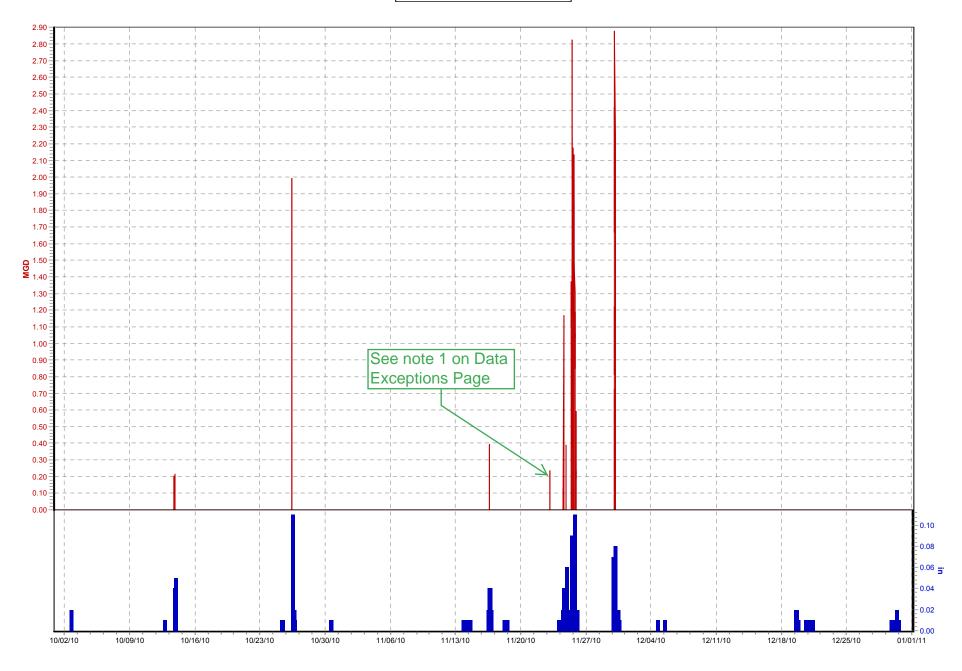
### CSO050 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR05.Rain (in)



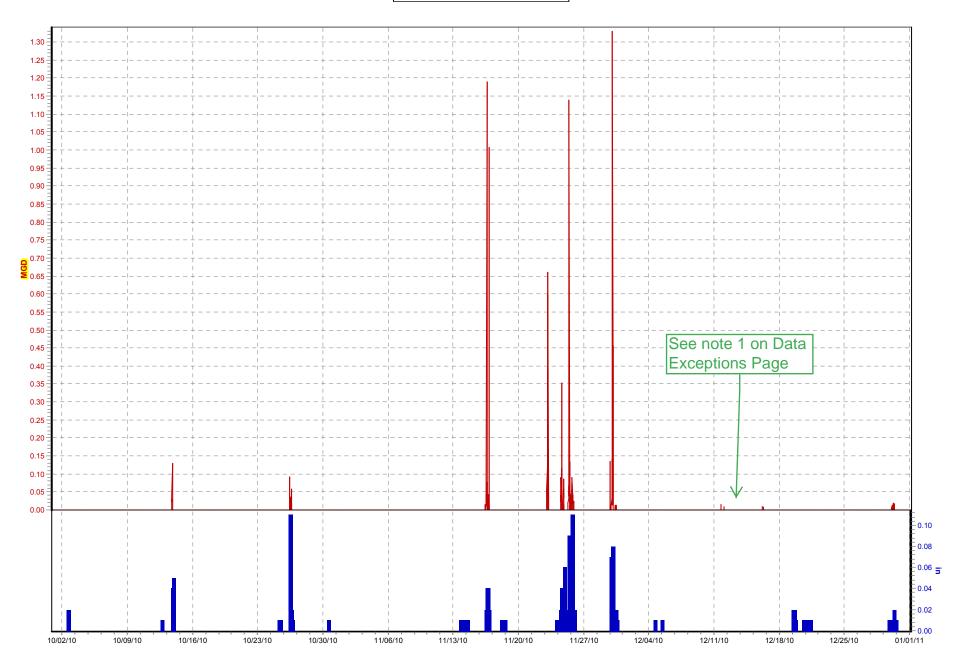
## CSO055 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR05.Rain (in)



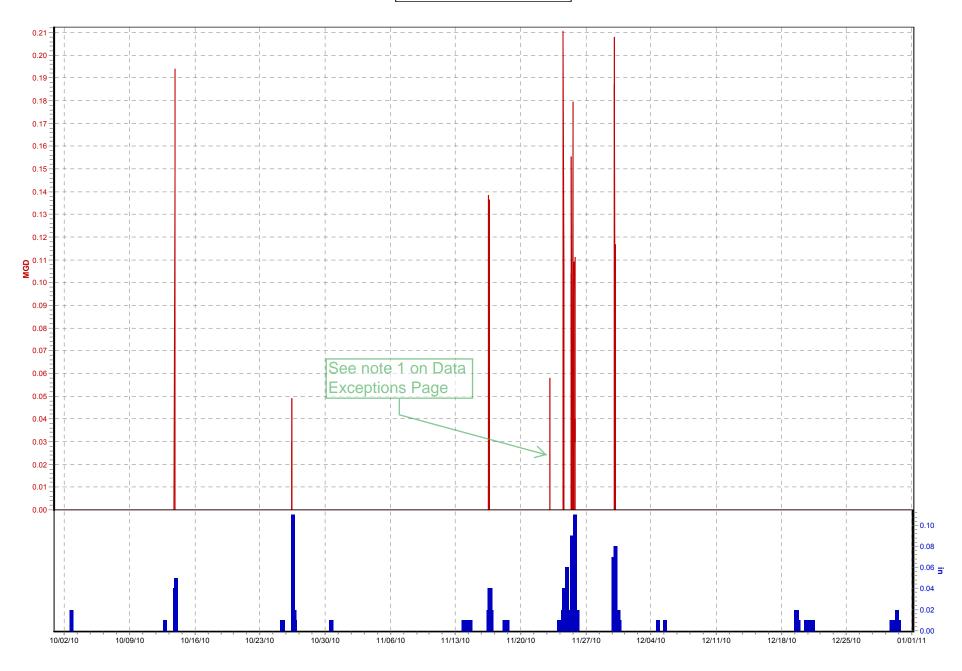
### CSO058 (10/01/10 to 01/01/11)

▼ — Flow 1 (MGD) ▼ TR05.Rain (in)



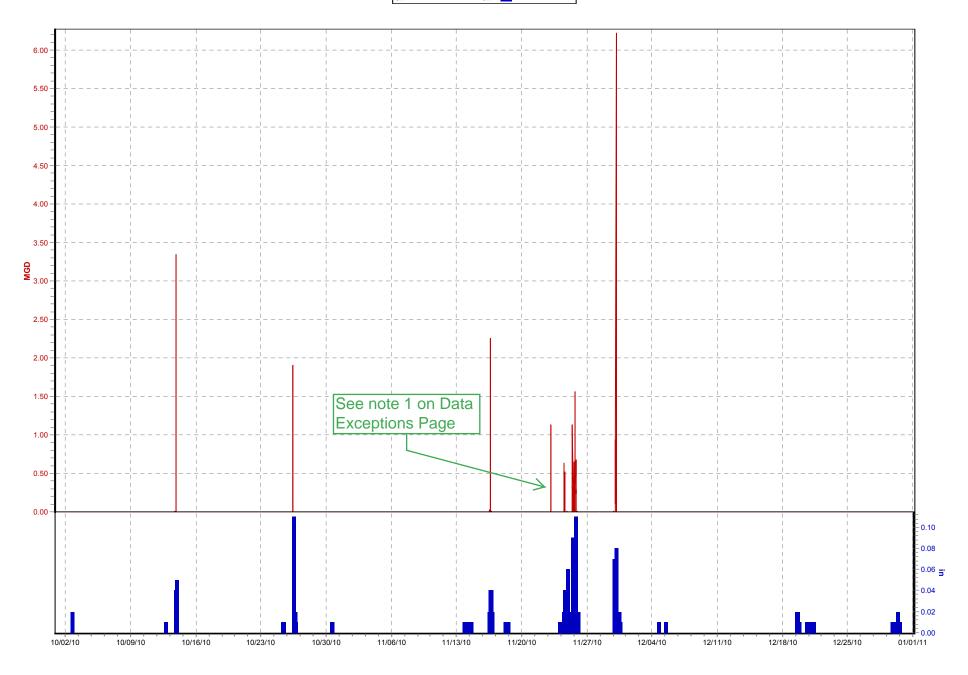
## CSO084 (10/01/10 to 01/01/11)

▼ — Flow 1 (MGD) ▼ TR05.Rain (in)



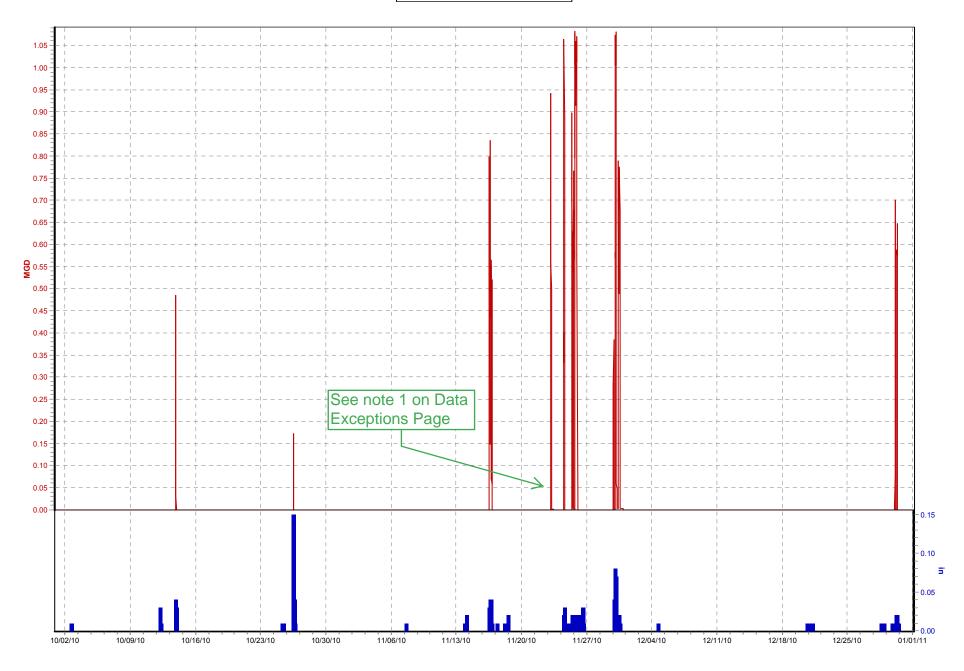
## CSO088 (10/01/10 to 01/01/11)

✓ — M1 Flow (MGD) ✓ TR05.Rain (in)



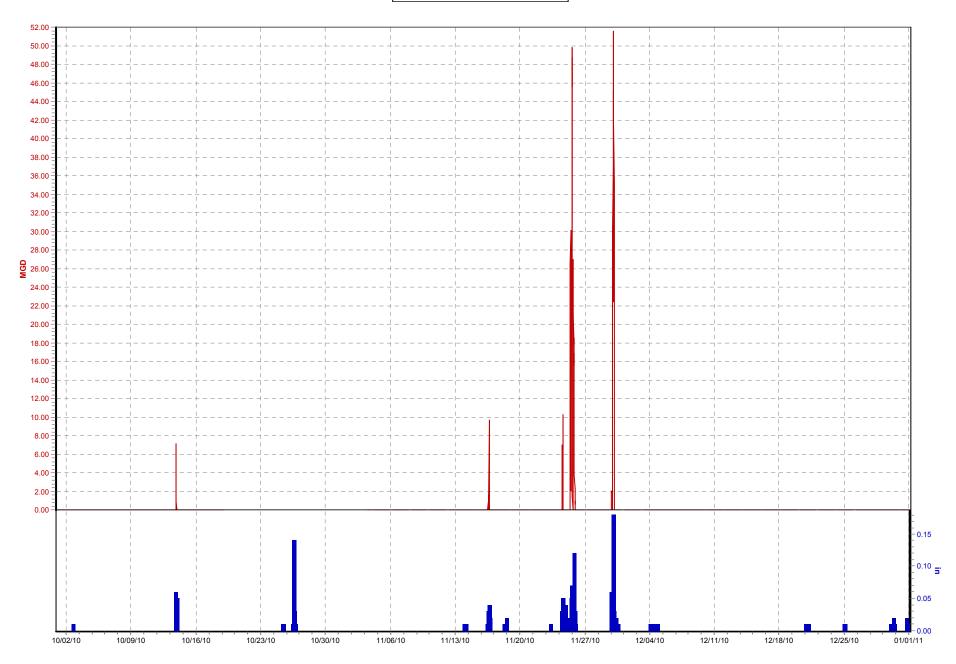
## CSO097 (10/01/10 to 01/01/11)

✓ — Flow (MGD)
✓ TR12.Rain (in)



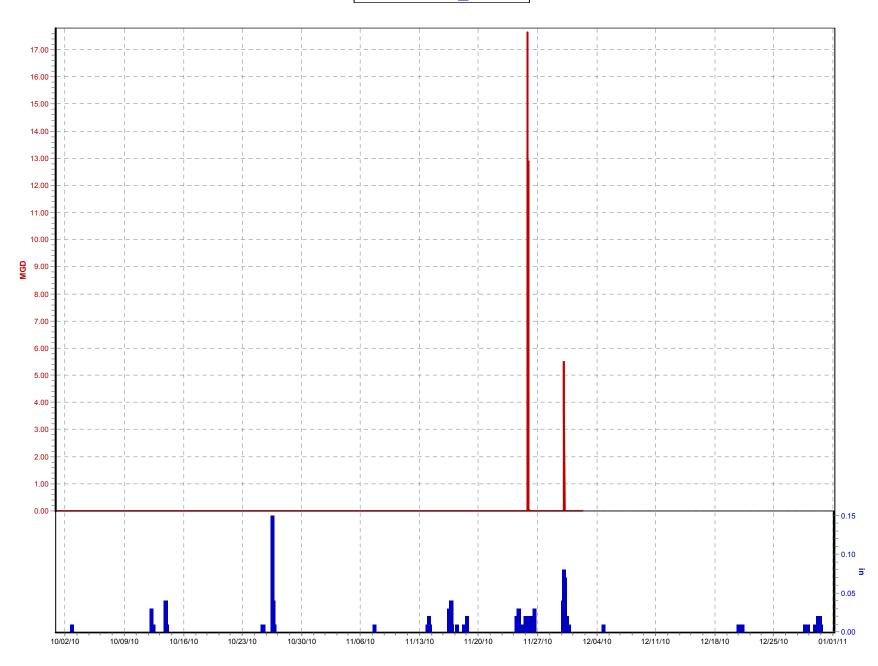
## CSO105 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR04.Rain (in)



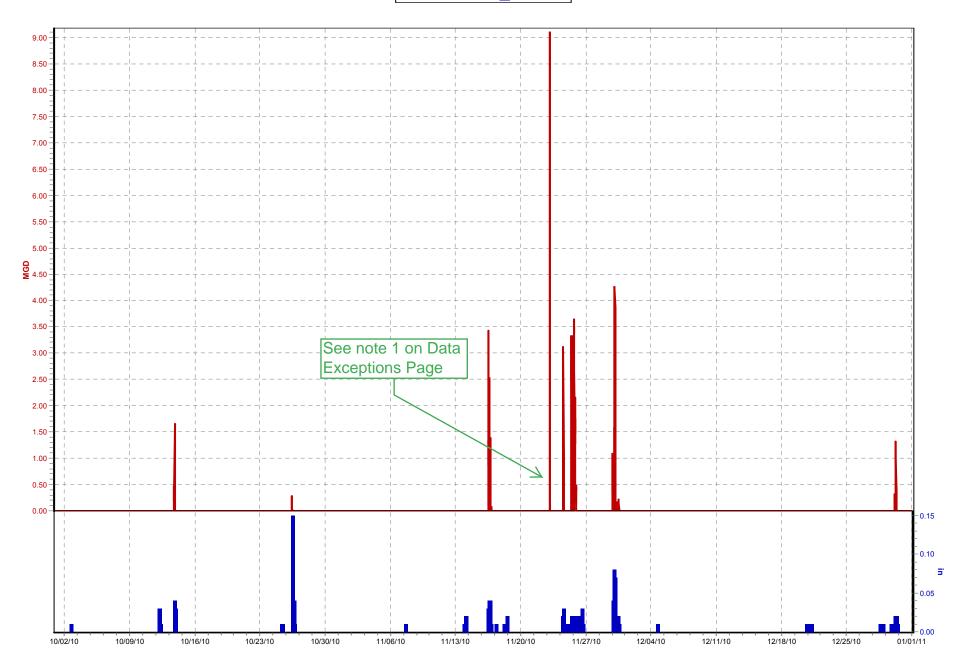
## CSO108 (10/01/10 to 01/01/11)

▼ — Flow 1 (MGD) ▼ TR12.Rain (in)



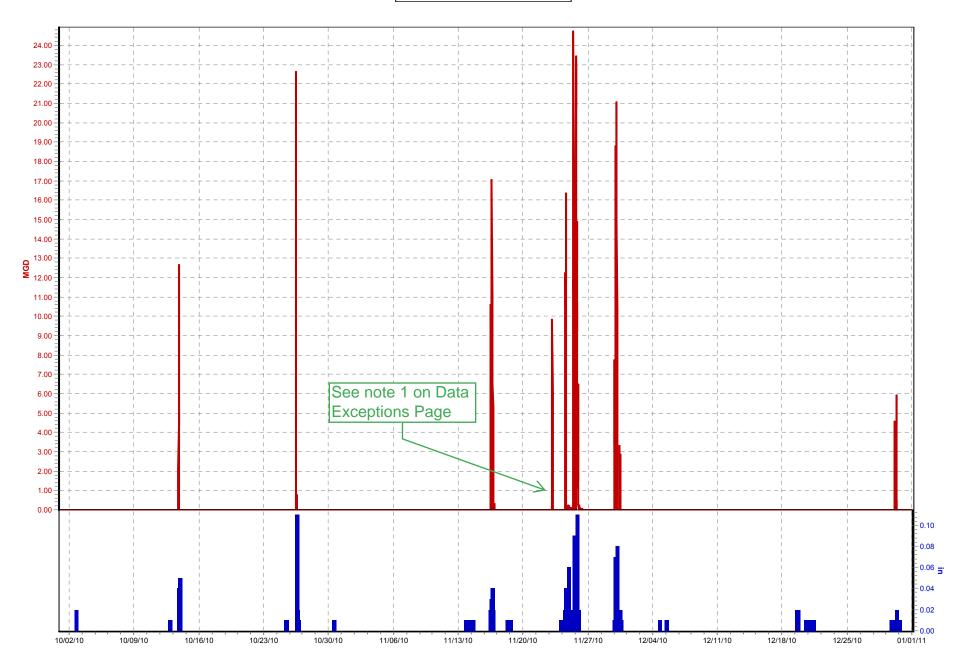
## CSO110 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR12.Rain (in)



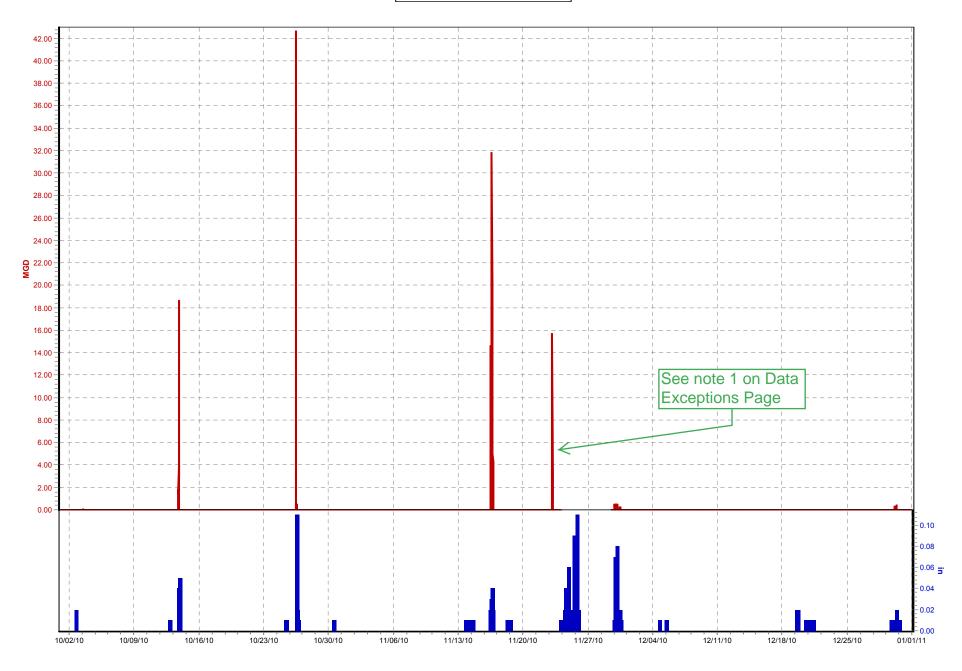
### CSO117 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR05.Rain (in)

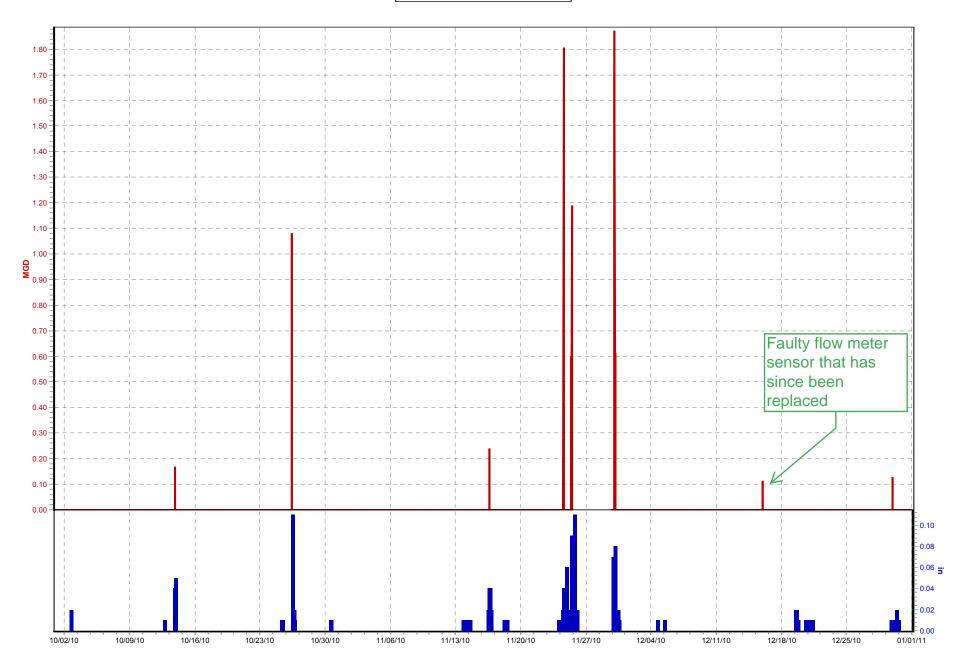


## CSO118 (10/01/10 to 01/01/11)

Flow 1 (MGD) TR05.Rain (in)

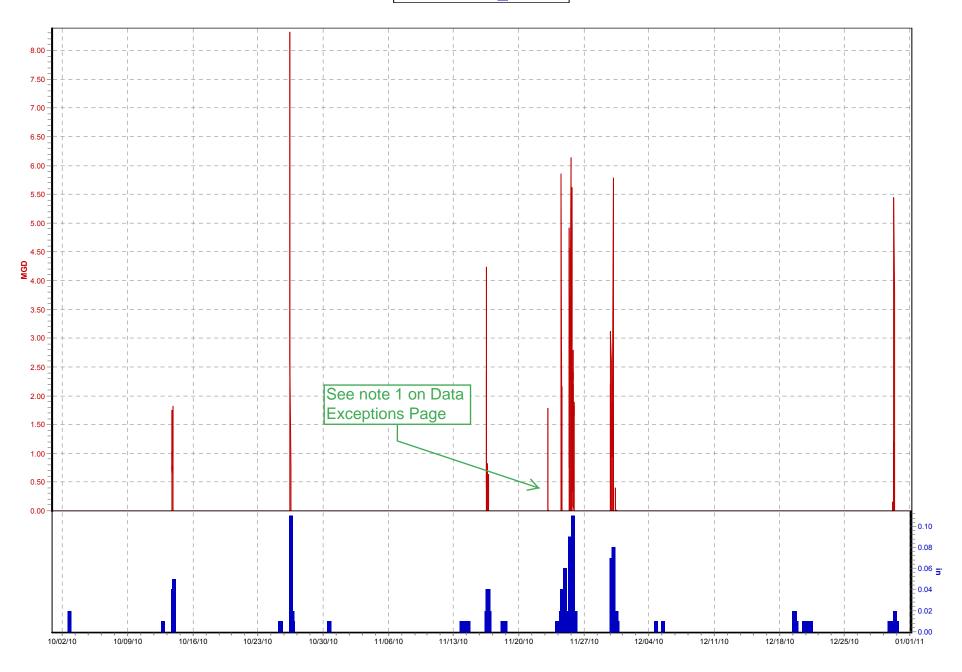


## CSO121 (10/01/10 to 01/01/11)

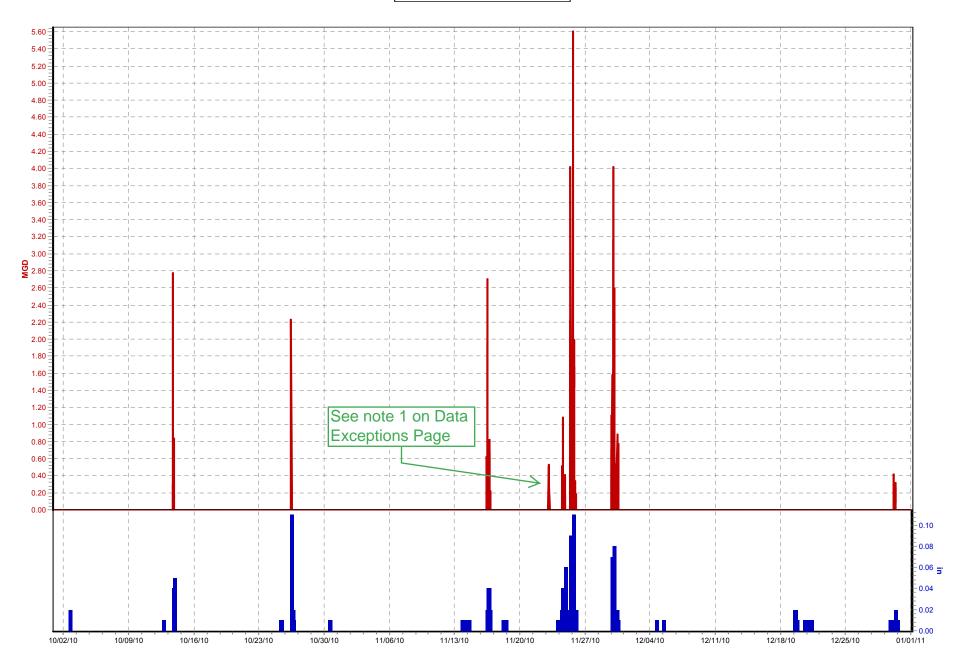


## CSO127 (10/01/10 to 01/01/11)

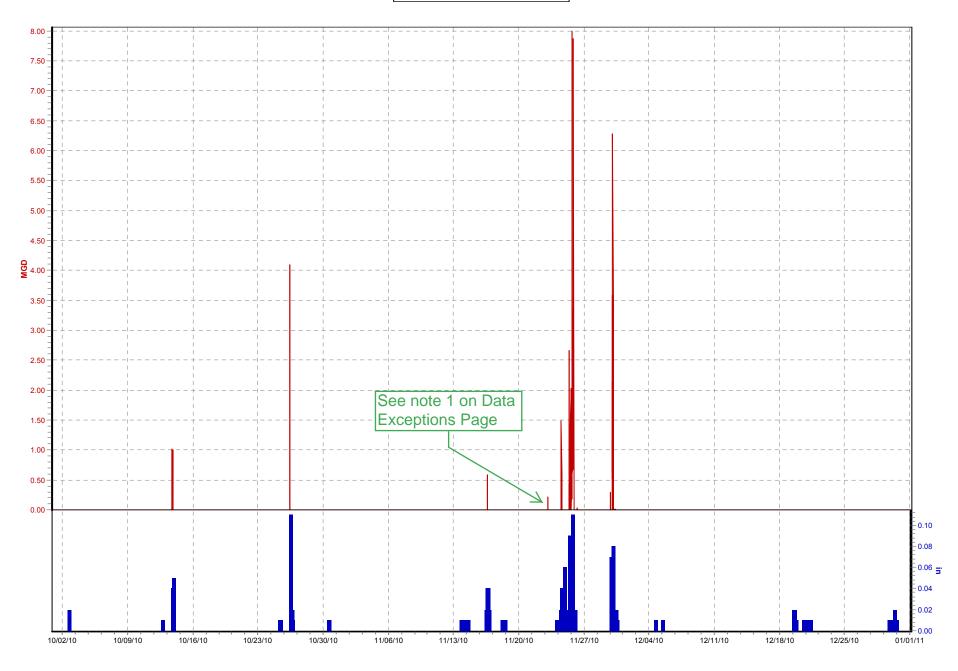
▼ — Flow 1 (MGD) ▼ TR05.Rain (in)



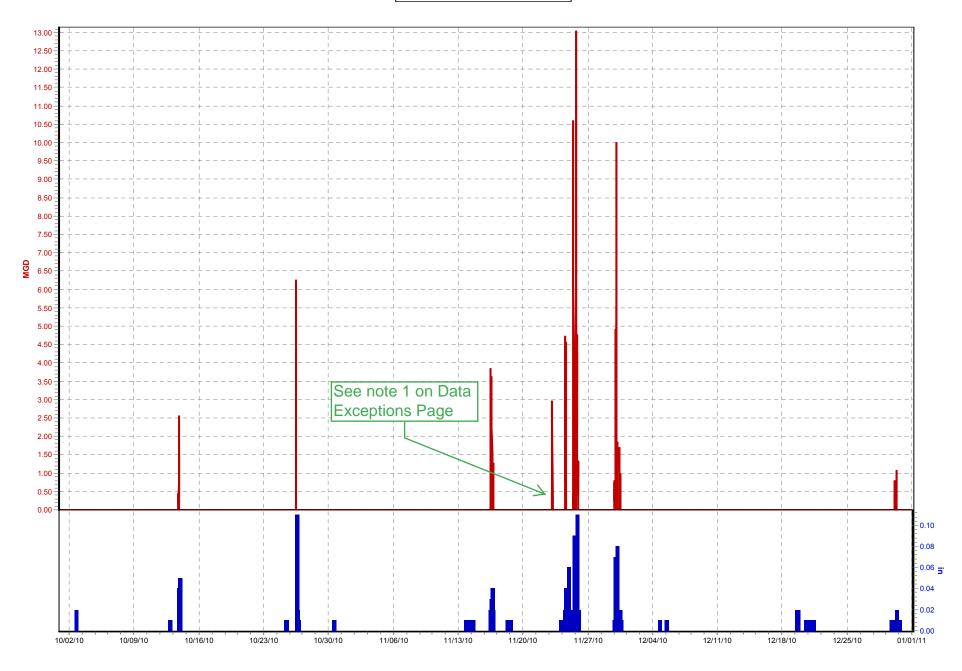
## CSO132 (10/01/10 to 01/01/11)



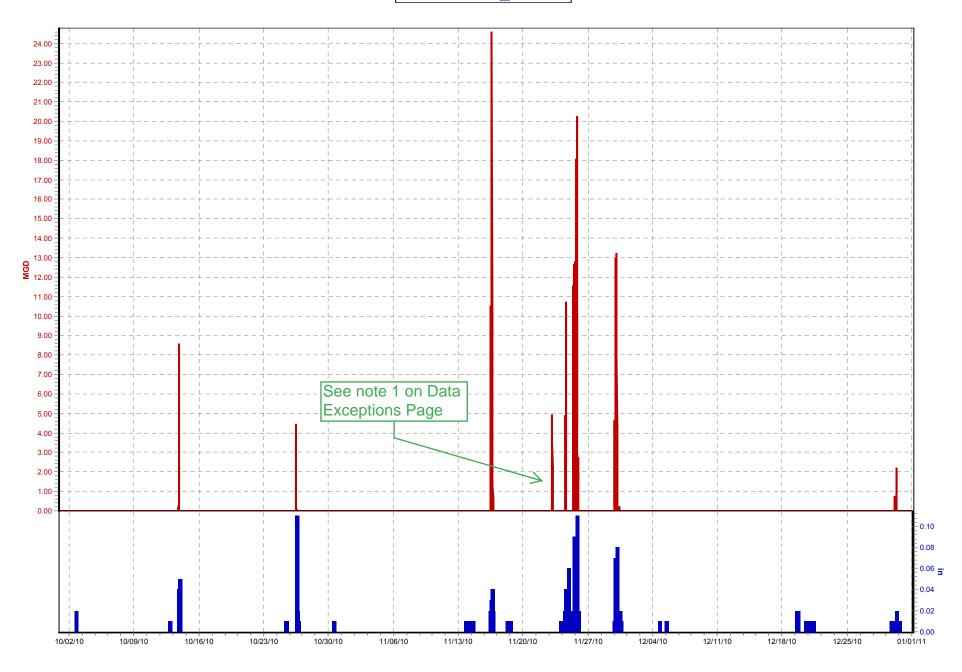
## CSO140 (10/01/10 to 01/01/11)



## CSO146 (10/01/10 to 01/01/11)

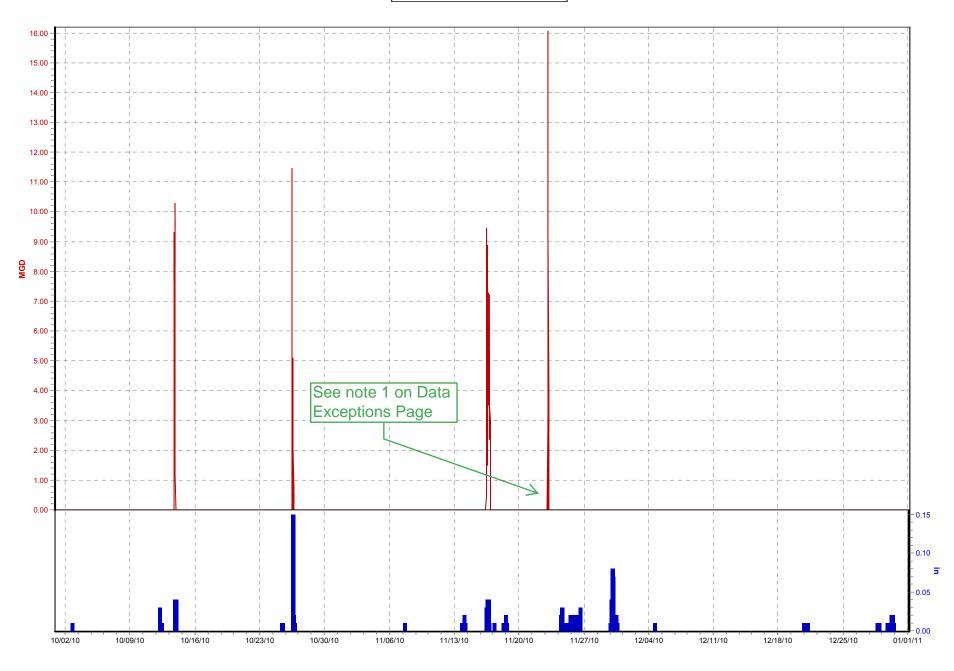


## CSO149 (10/01/10 to 01/01/11)



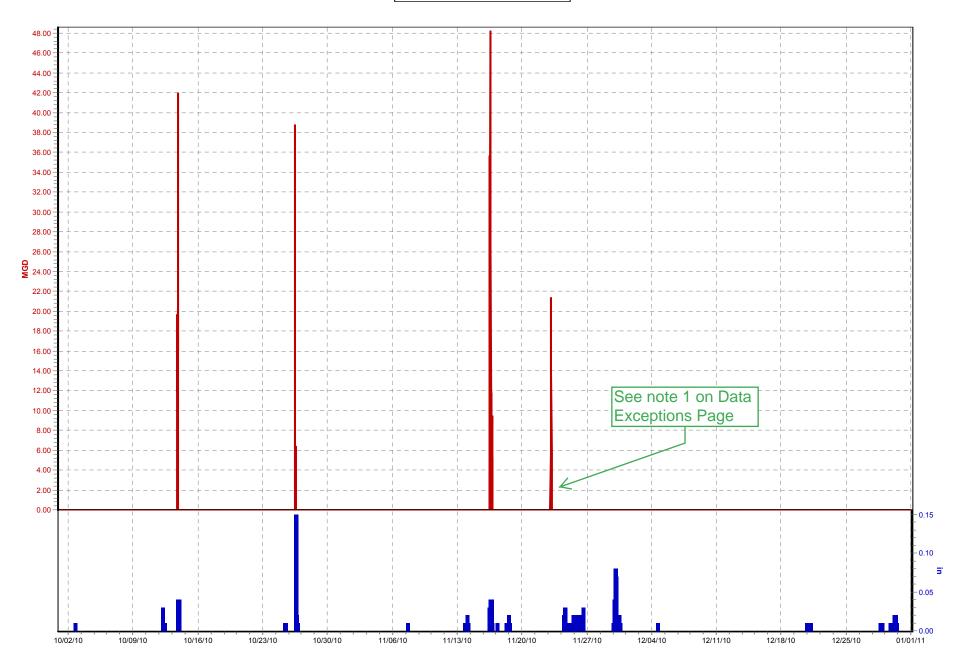
## CSO151 (10/01/10 to 01/01/11)

▼ — Flow 1 (MGD) ▼ TR12.Rain (in)



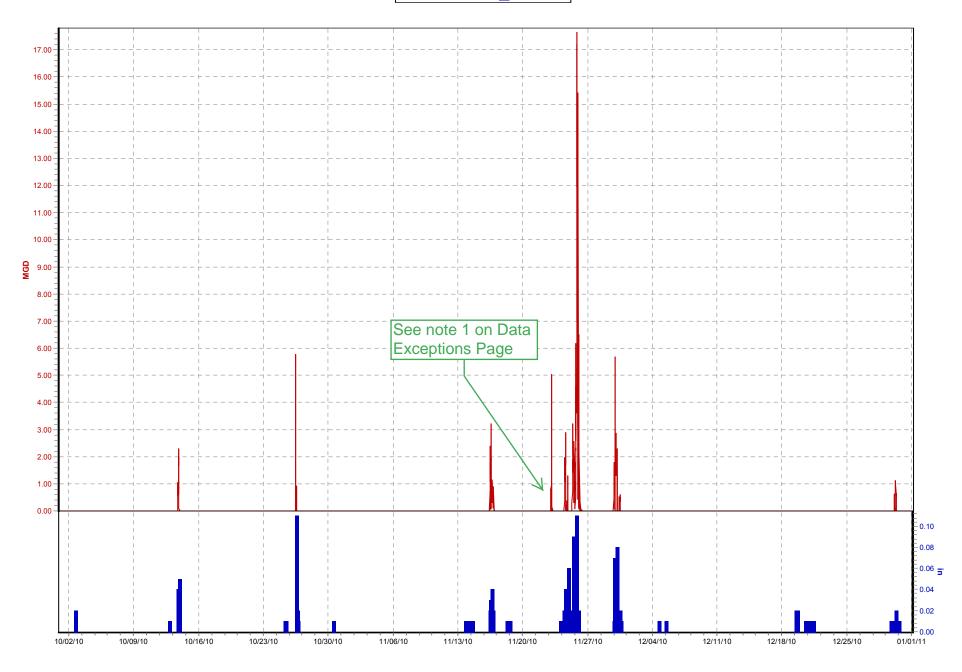
#### CSO152 (10/01/10 to 01/01/11)

Flow (mgd) TR12.Rain (in)

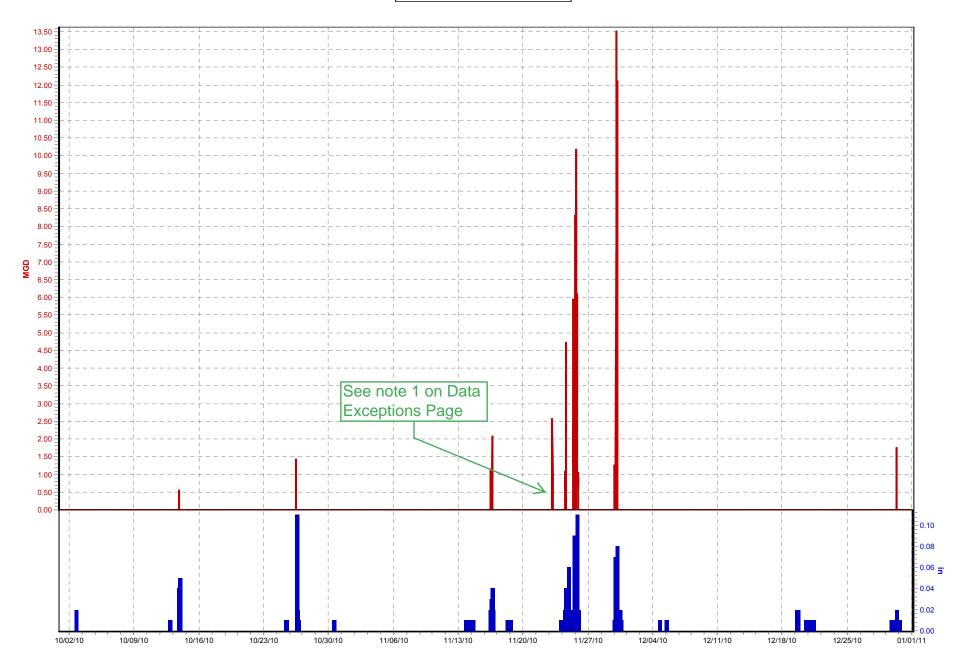


## CSO153 (10/01/10 to 01/01/11)

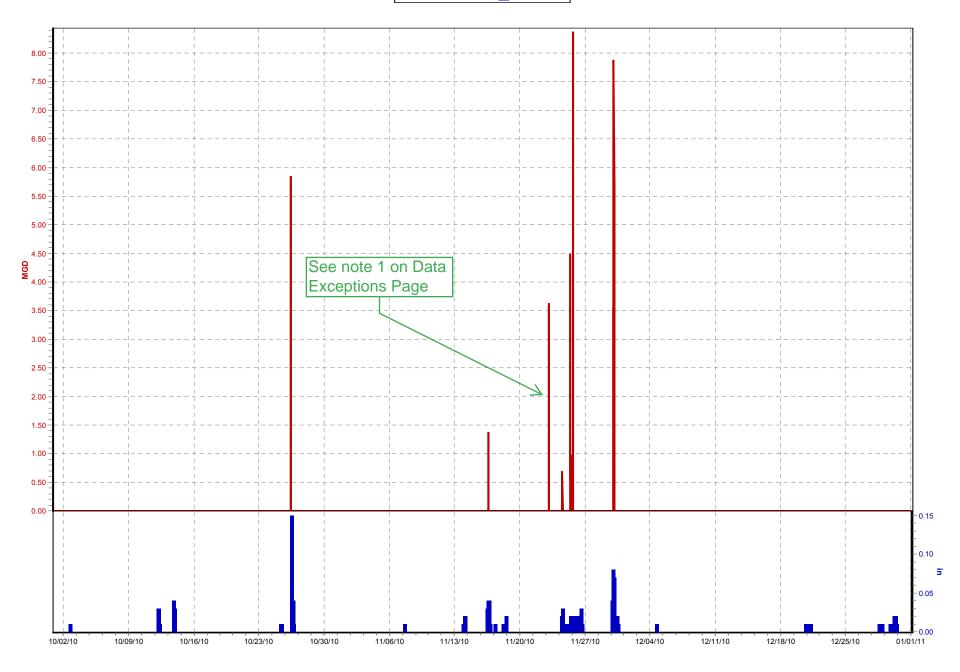
✓ — Flow 1 (MGD) ✓ TR05.Rain (in)



## CSO166 (10/01/10 to 01/01/11)

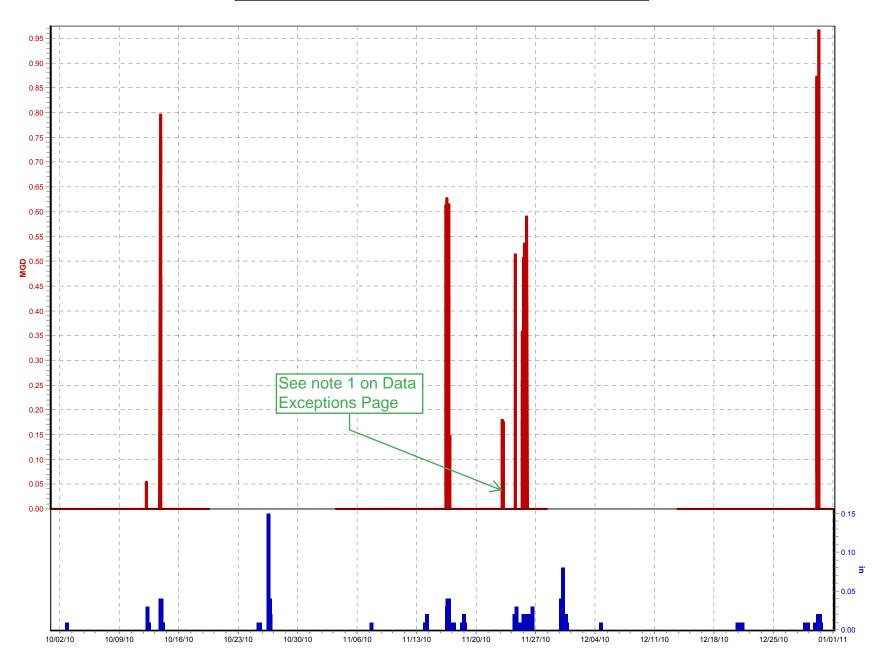


## CSO174 (10/01/10 to 01/01/11)

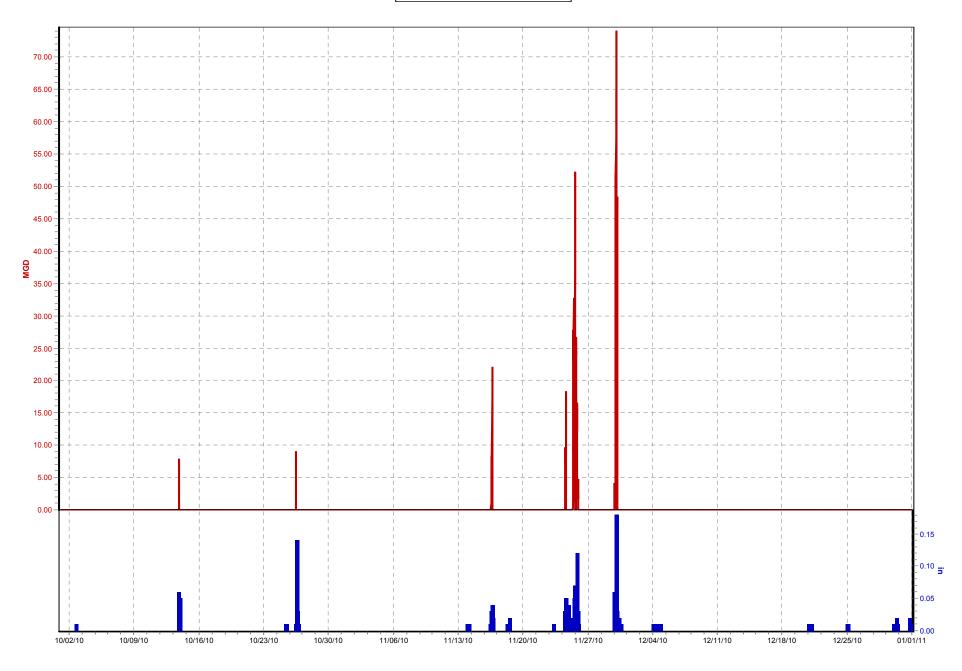


## CSO182 (10/01/10 to 01/01/11)

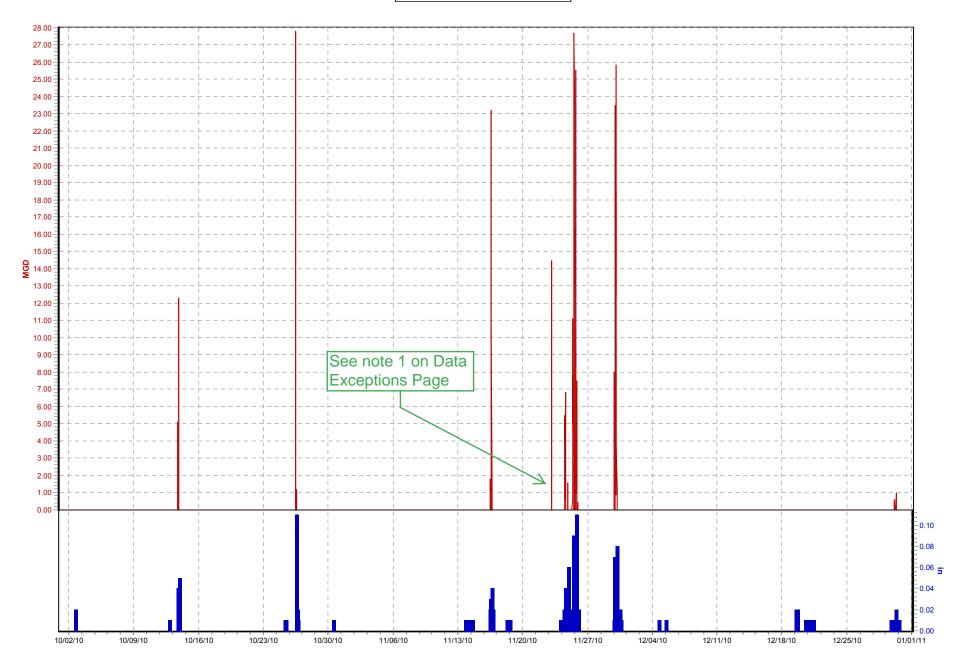




## CSO189 (10/01/10 to 01/01/11)

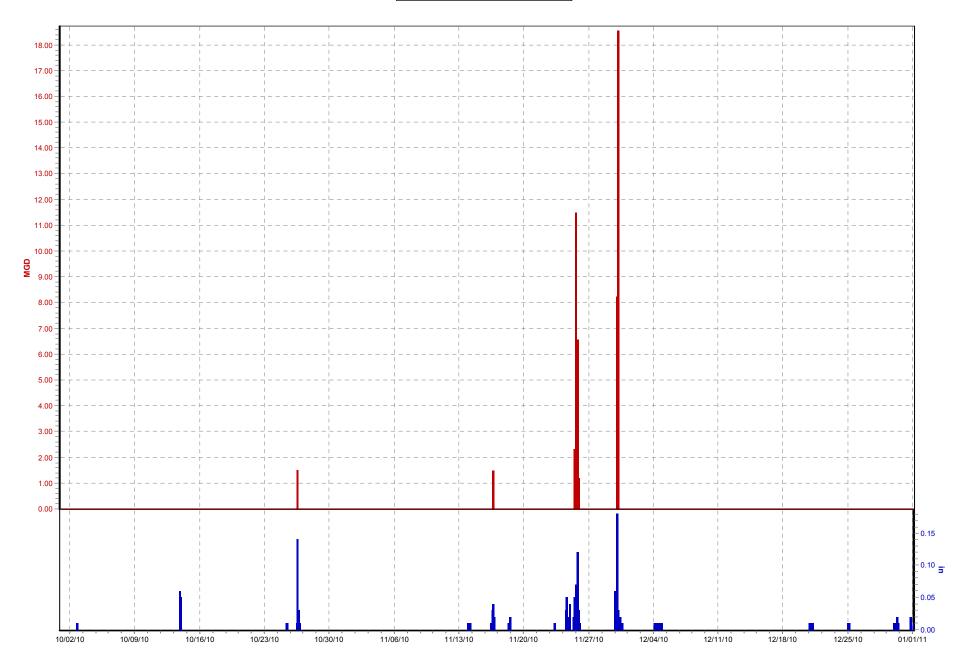


#### CSO190 (10/01/10 to 01/01/11)

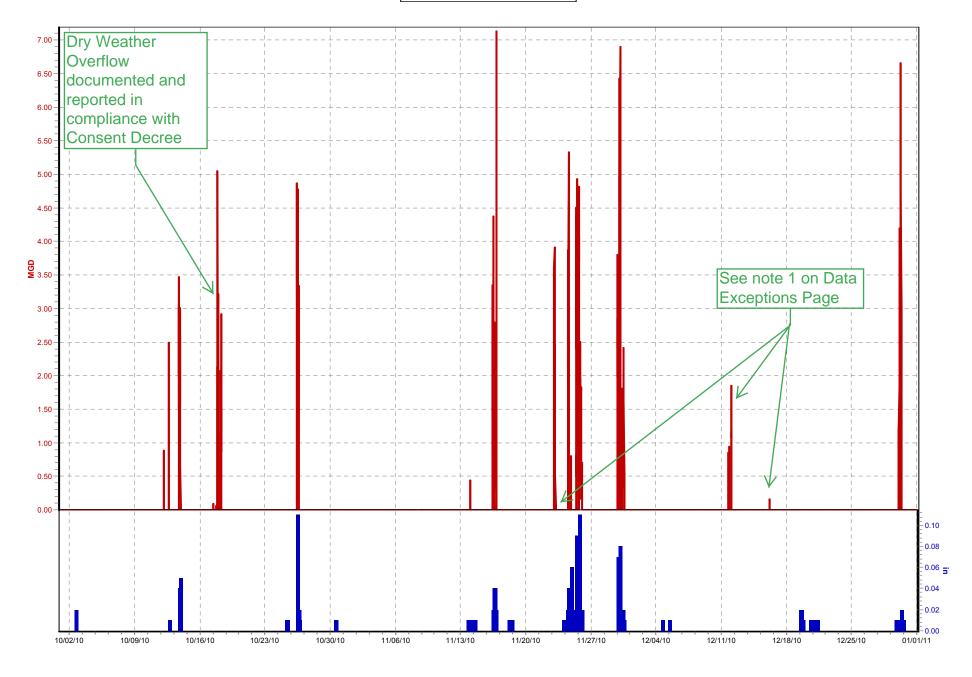


## CSO191 (10/01/10 to 01/01/11)

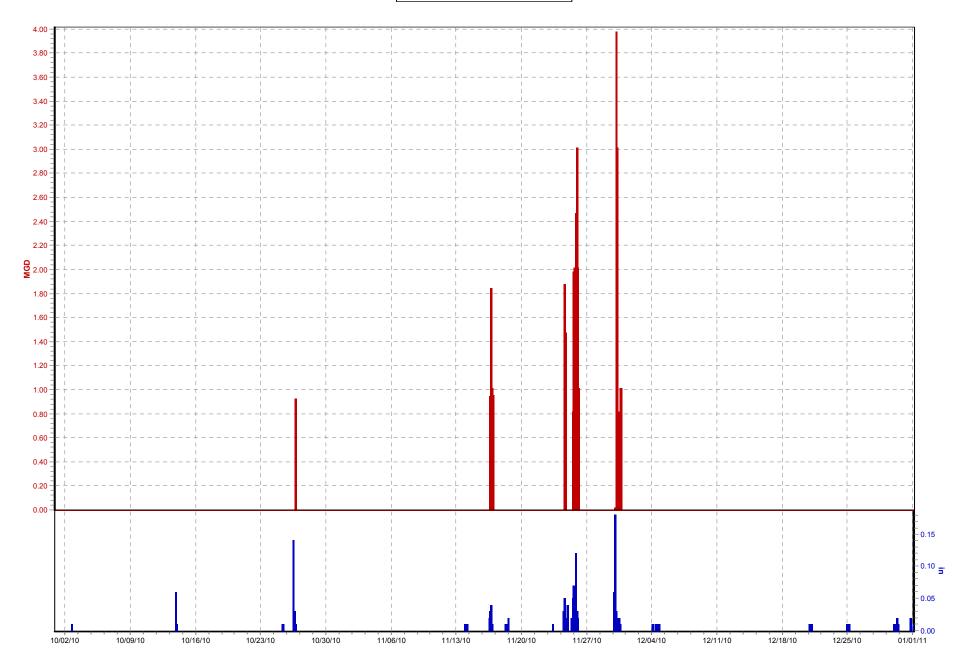




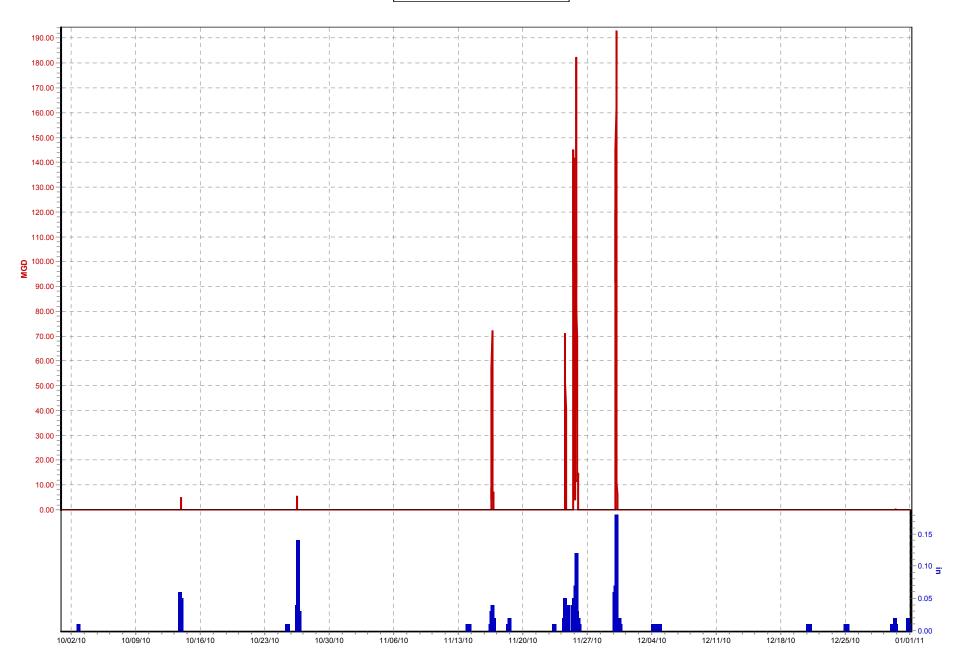
#### CSO206 (10/01/10 to 01/01/11)



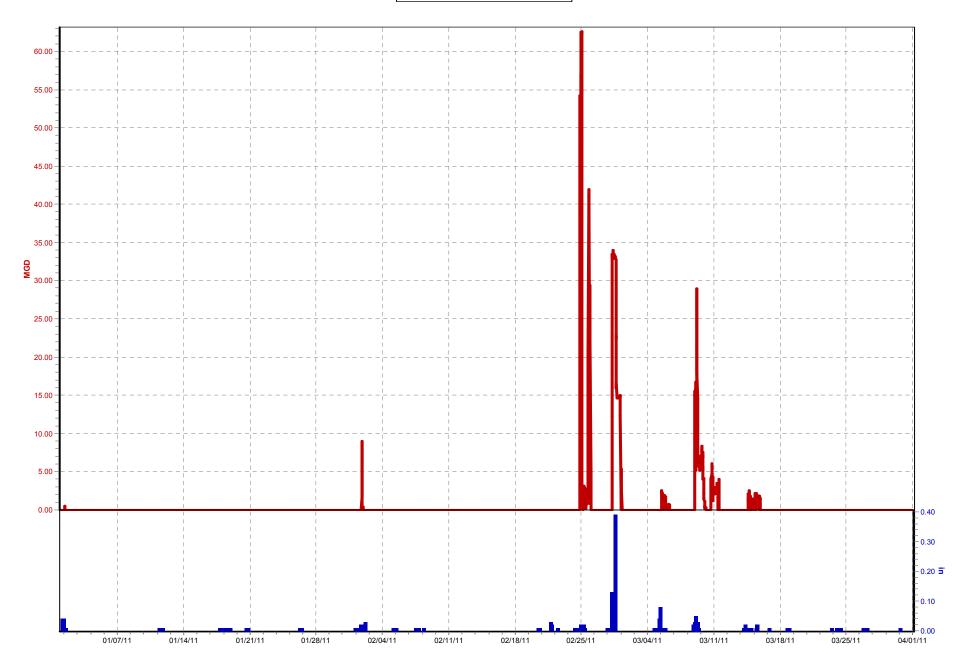
## CSO210 (10/01/10 to 01/01/11)



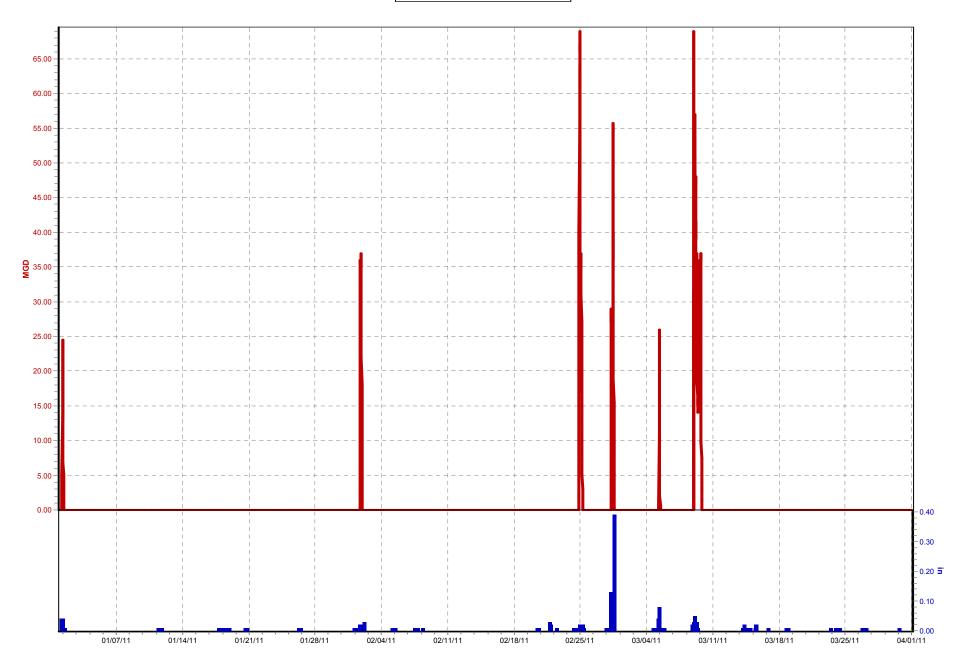
## CSO211 (10/01/10 to 01/01/11)



## CSO015 (01/01/11 to 04/01/11)

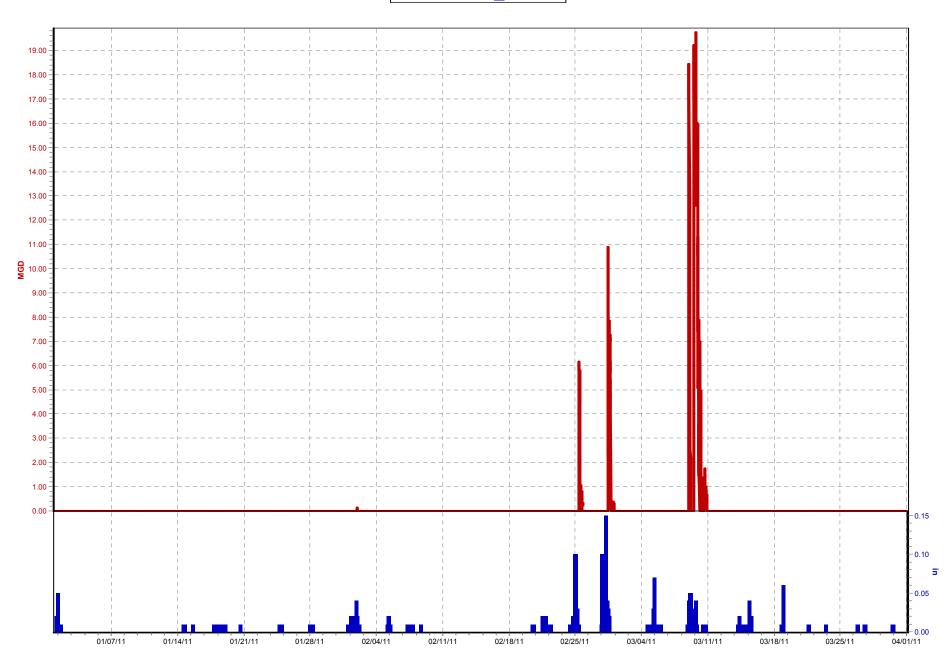


## CSO016 (01/01/11 to 04/01/11)

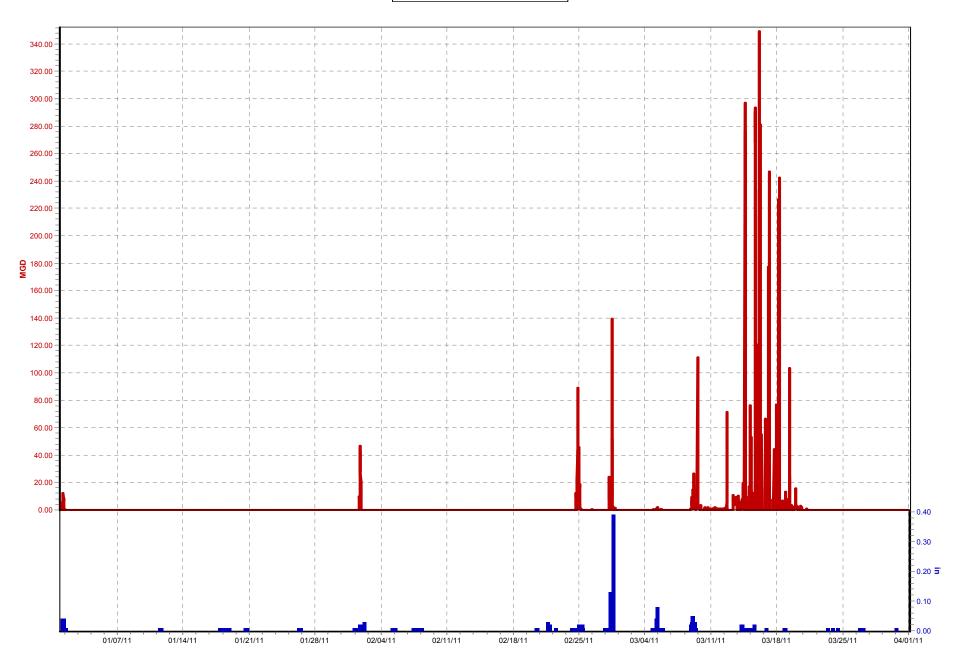


## CSO018\_Hist\_Data (01/01/11 to 04/01/11)

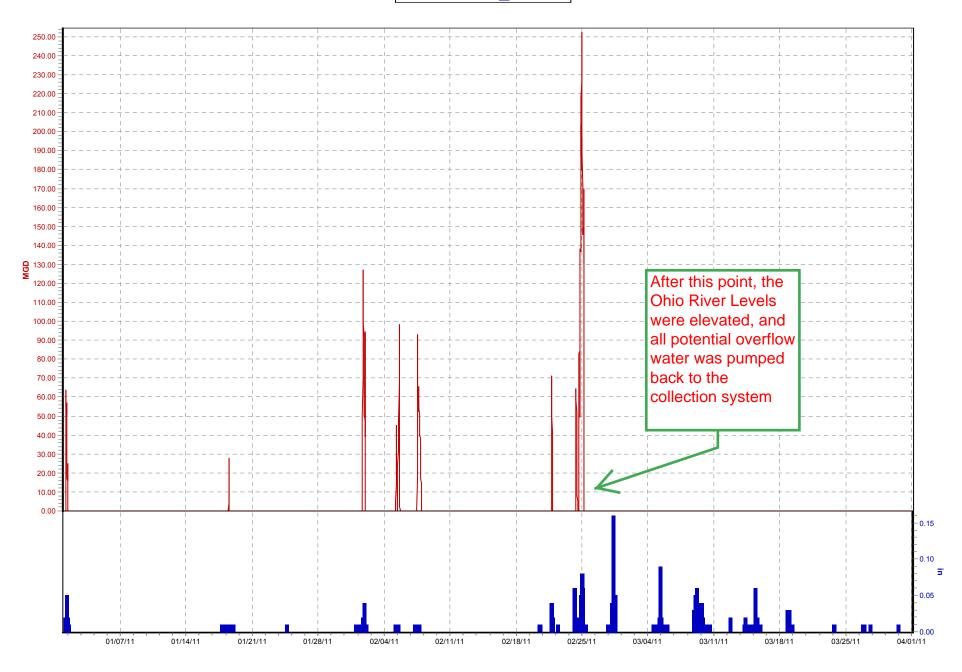
Flow (MGD) TR12.Rain (in)



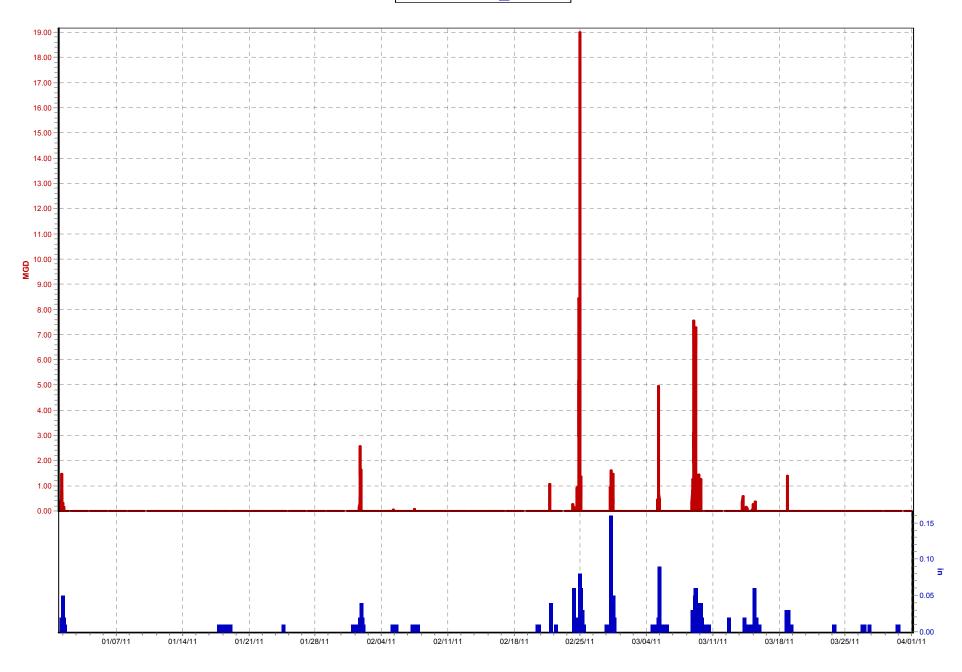
#### CSO019 (01/01/11 to 04/01/11)



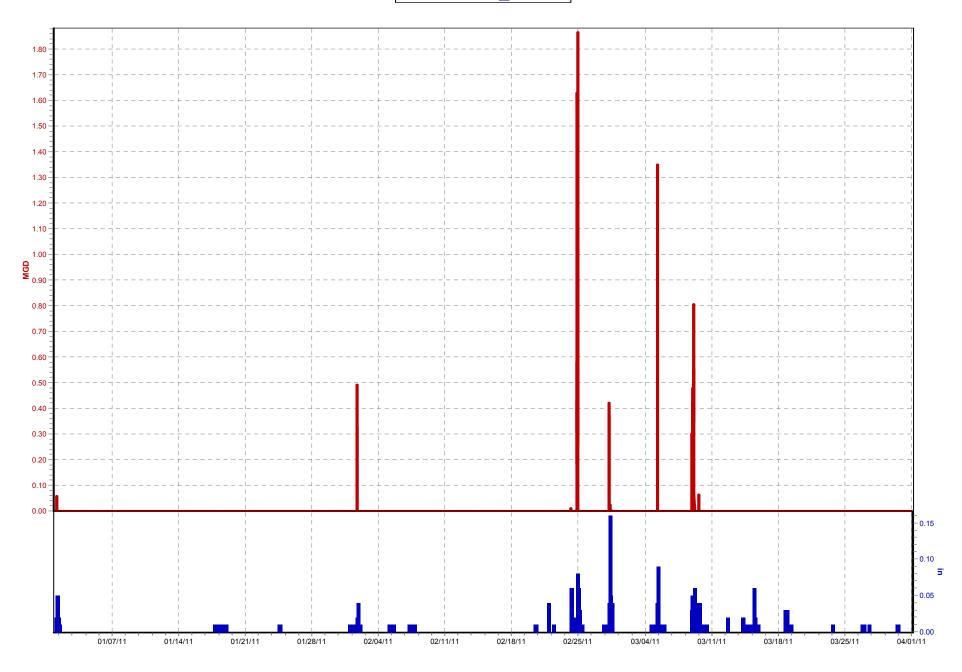
## CSO020\_Hist\_Data (01/01/11 to 04/01/11)



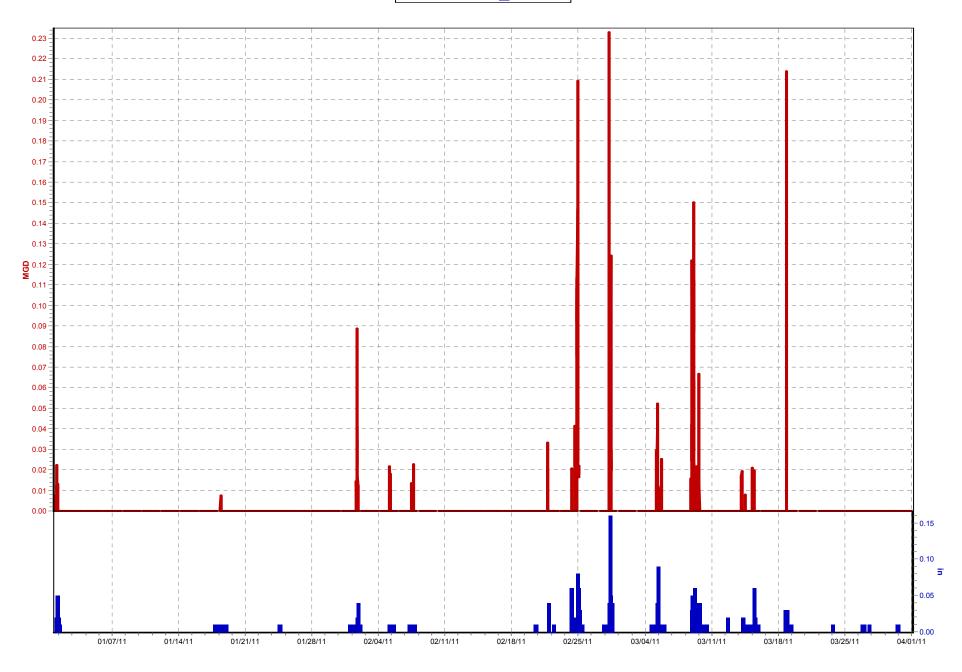
## CSO050 (01/01/11 to 04/01/11)



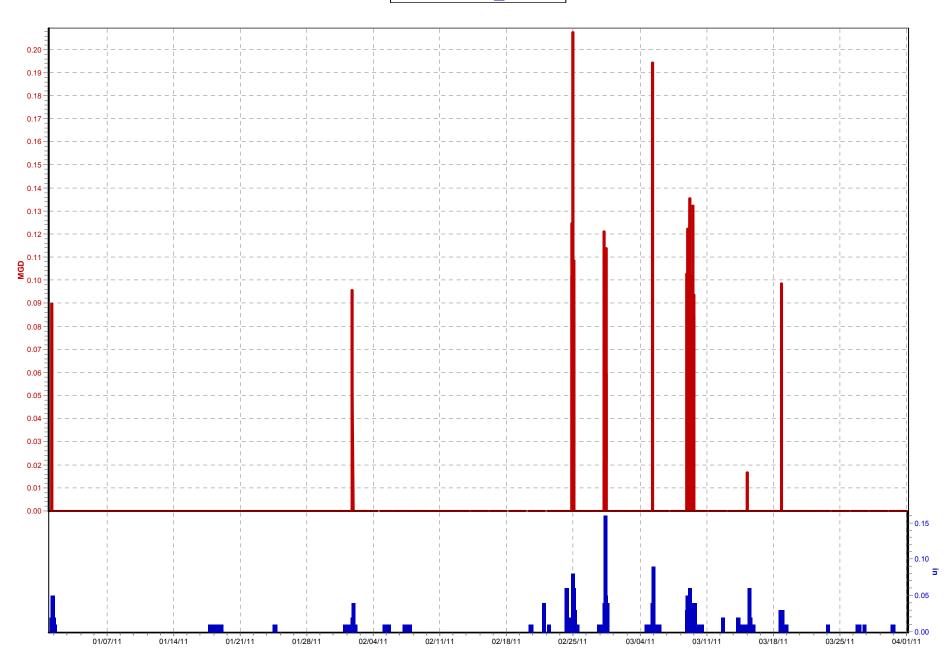
## CSO055 (01/01/11 to 04/01/11)



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

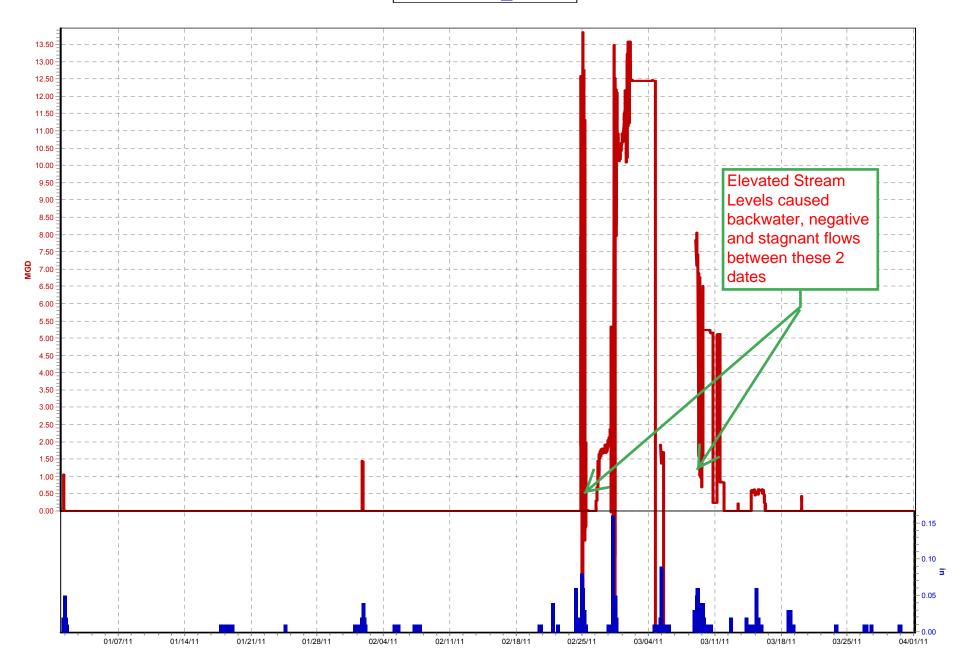


# CSO084 (01/01/11 to 04/01/11)



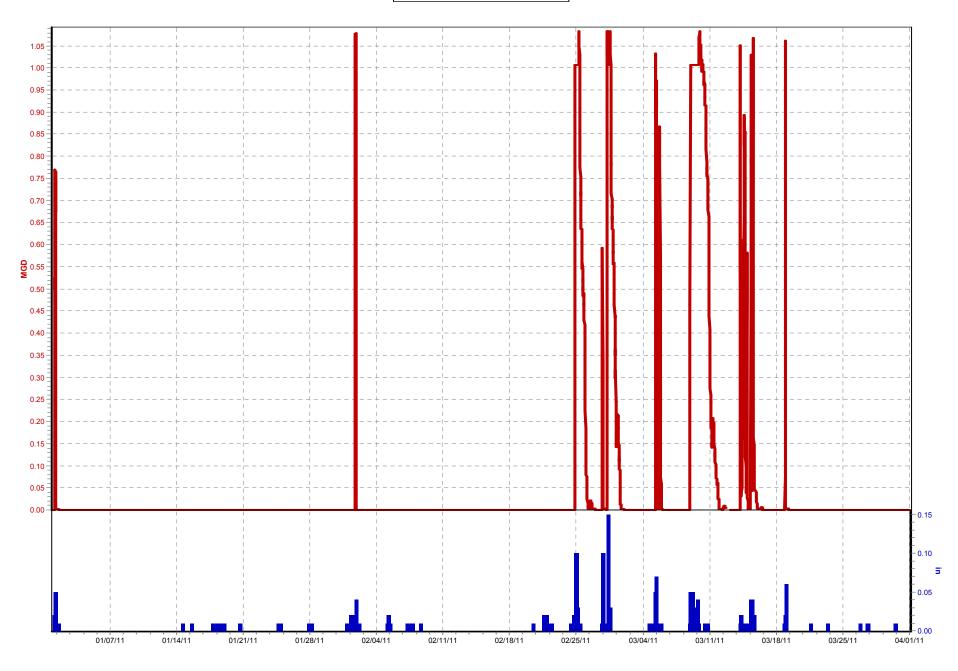
## CSO088 (01/01/11 to 04/01/11)

✓ M1 Flow (MGD) ✓ TR05.Rain (in)

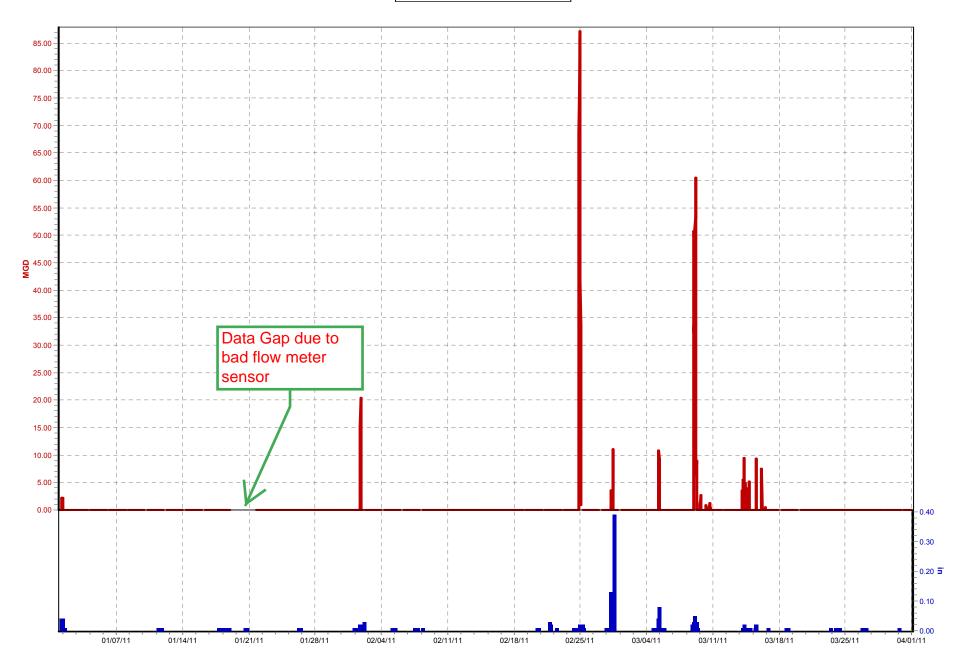


# CSO097 (01/01/11 to 04/01/11)

Flow (MGD) TR12.Rain (in)

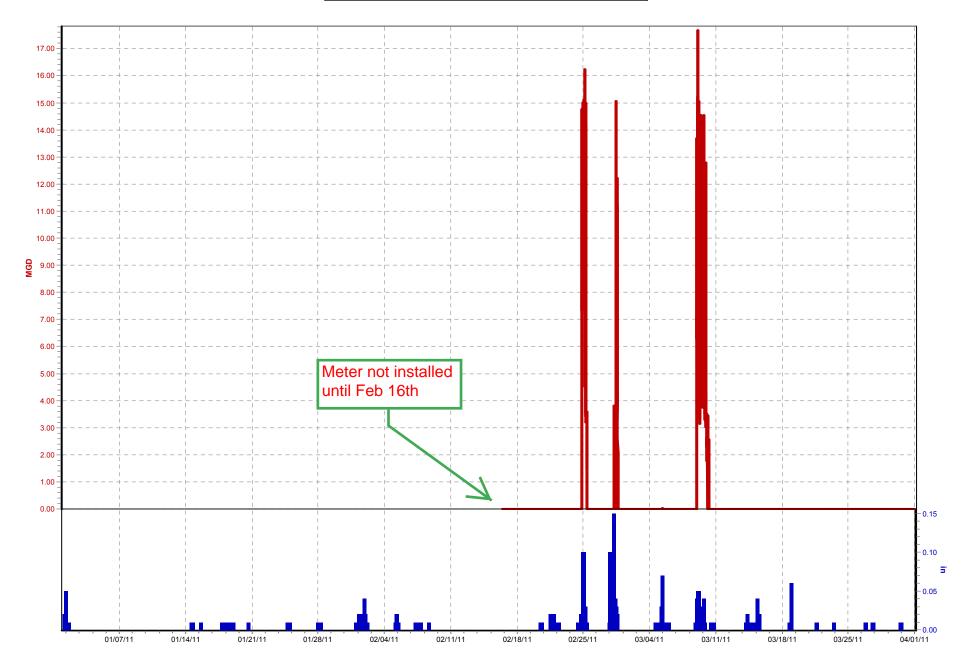


## CSO105 (01/01/11 to 04/01/11)

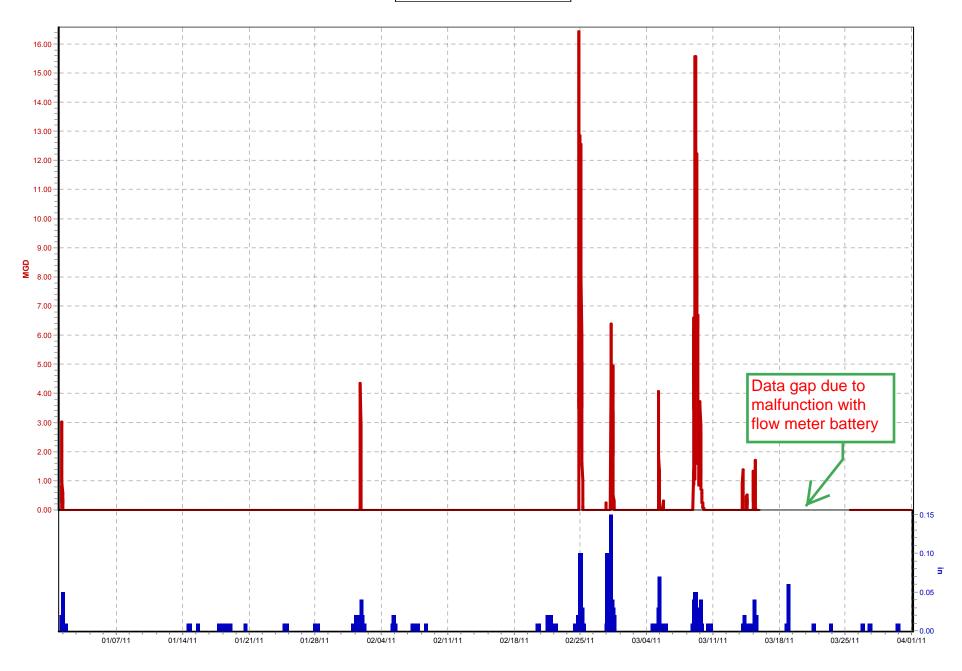


## CSO108 old (01/01/11 to 04/01/11)

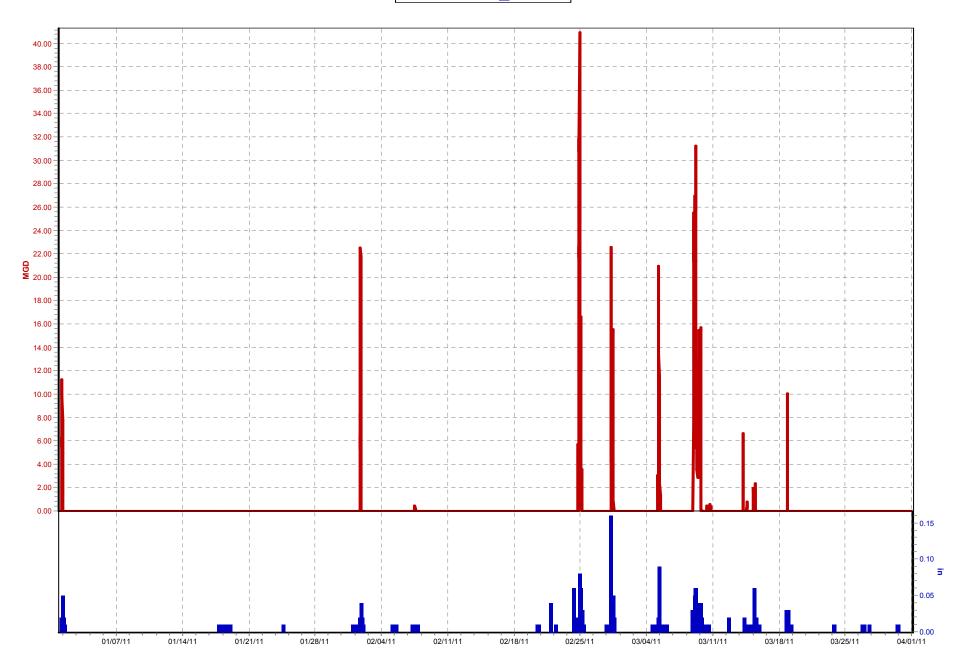
CSO108\_CDS\_OF.Flow 1 (MGD) TR12.Rain (in)



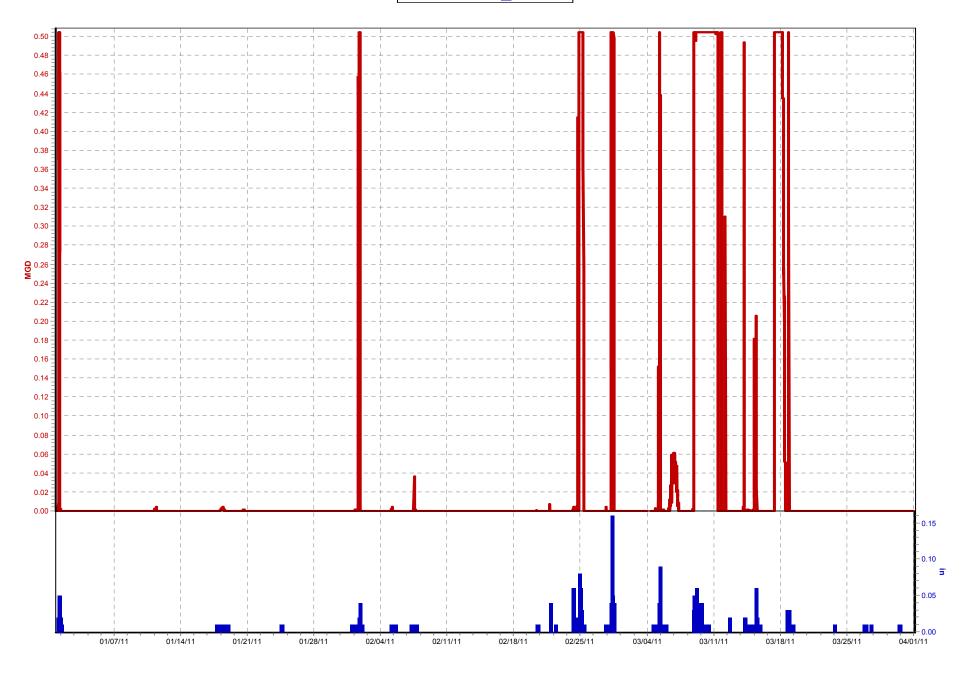
## CSO110 (01/01/11 to 04/01/11)



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

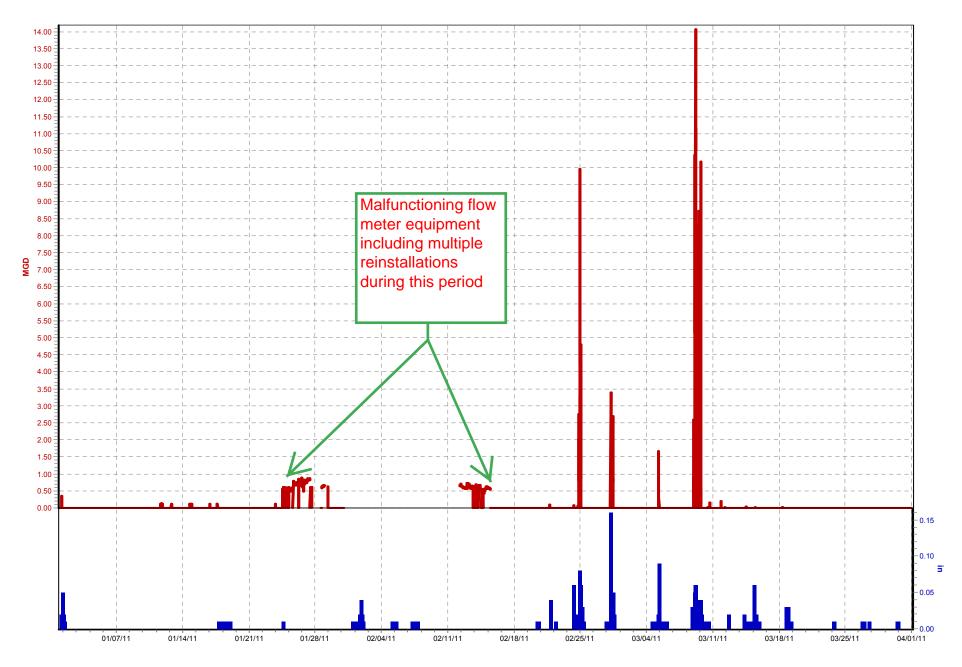


## CSO118\_Hist (01/01/11 to 04/01/11)

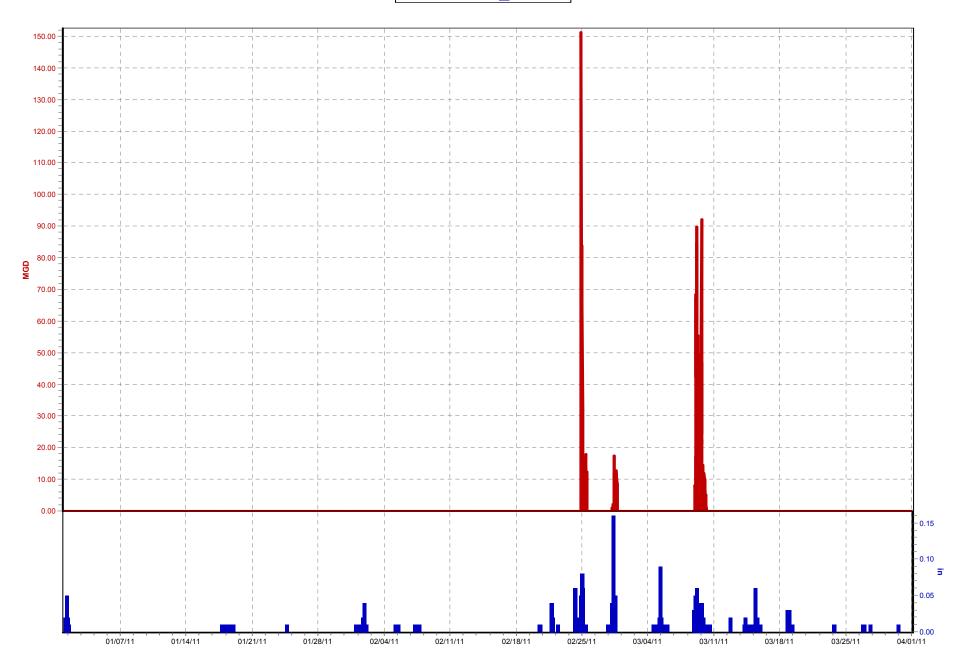


#### CSO121 (01/01/11 to 04/01/11)

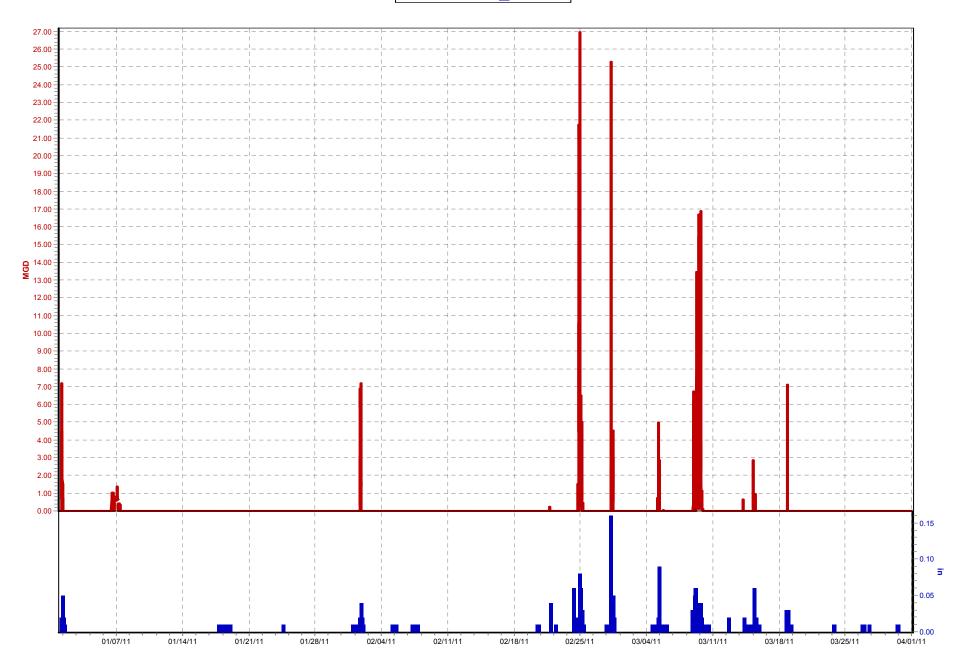




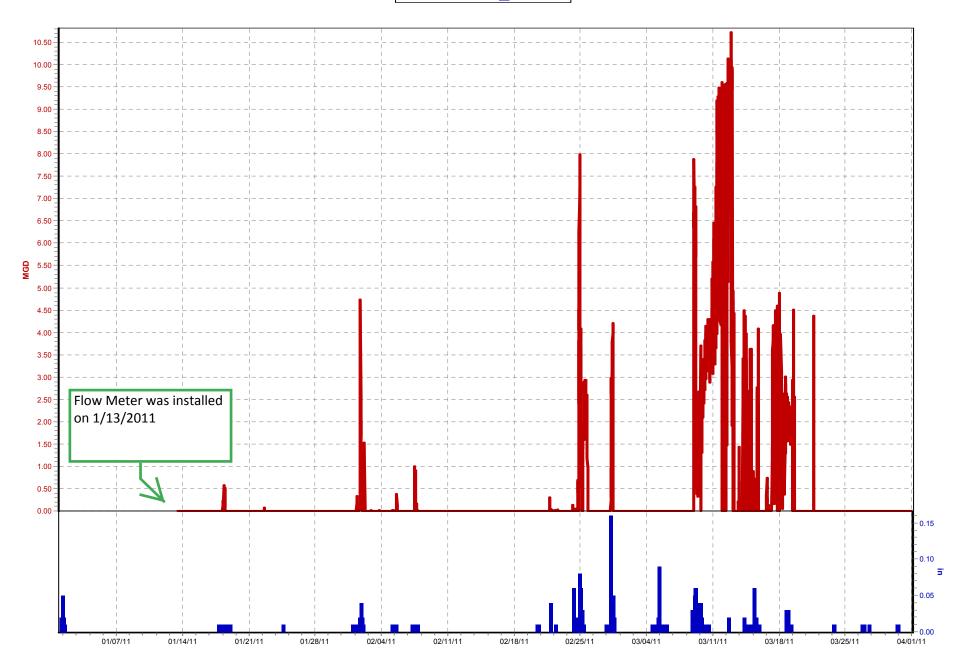
## CSO125 (01/01/11 to 04/01/11)



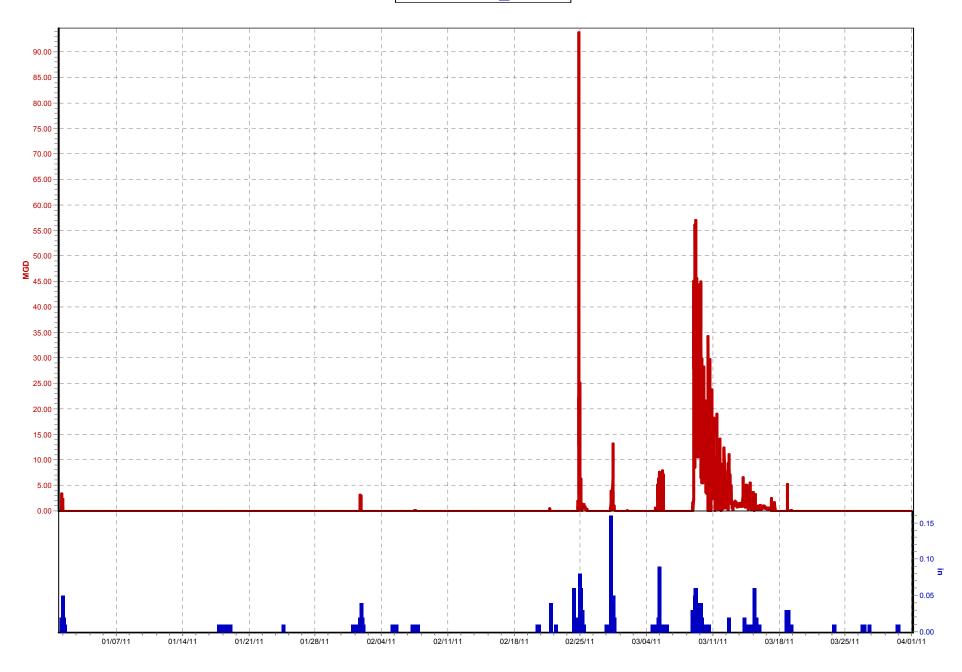
#### CSO127 (01/01/11 to 04/01/11)



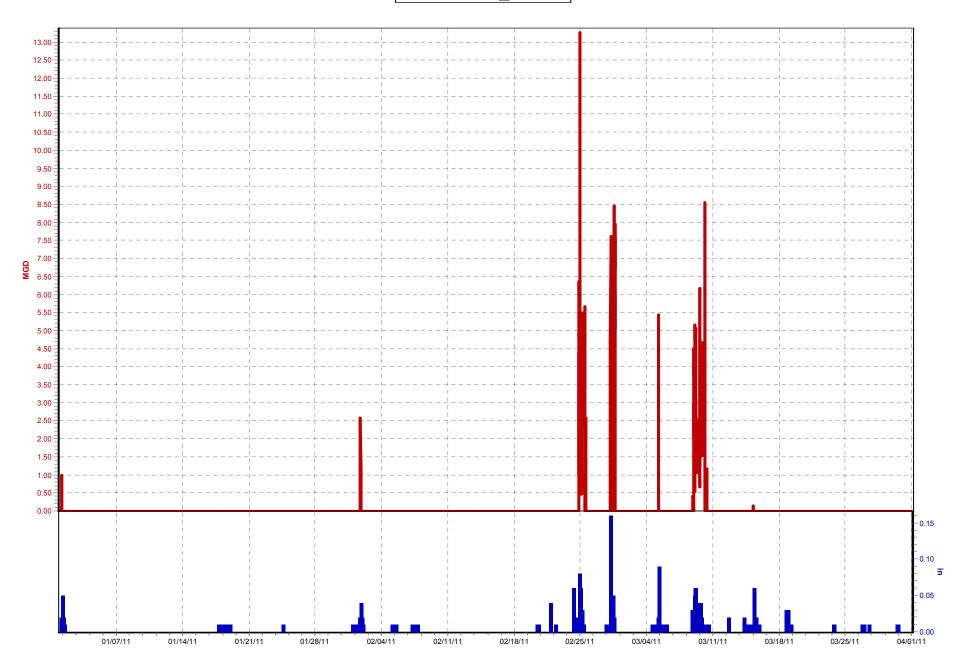
## CSO130 (01/01/11 to 04/01/11)



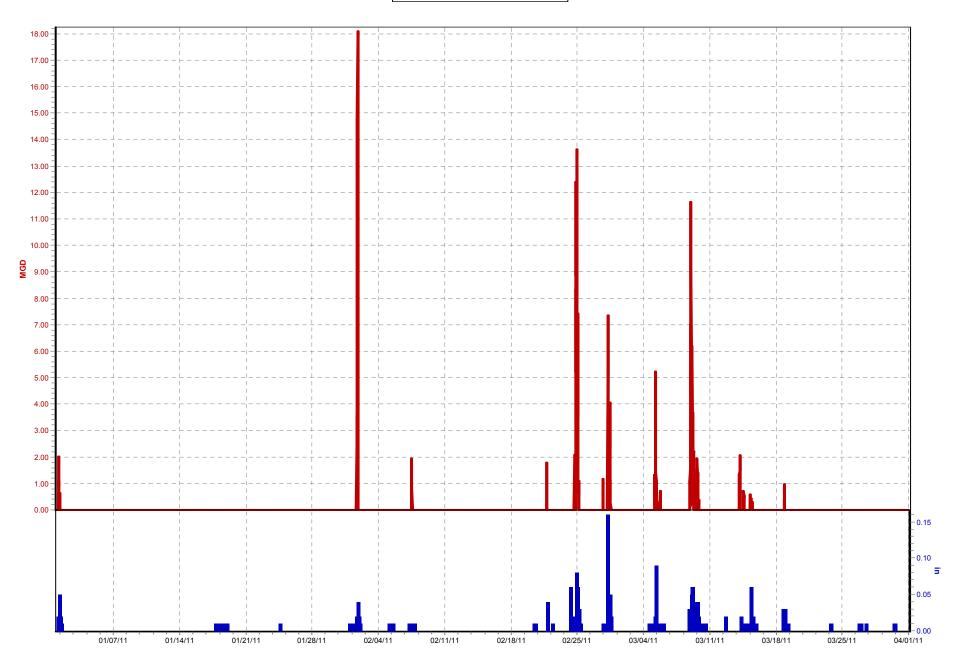
## CSO132 (01/01/11 to 04/01/11)



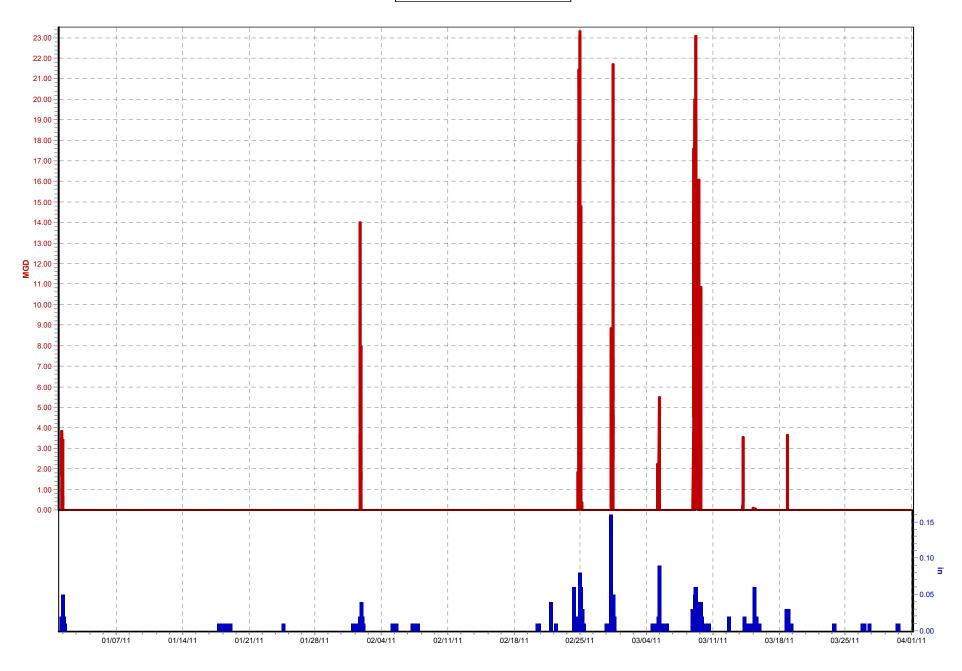
## CSO140 (01/01/11 to 04/01/11)



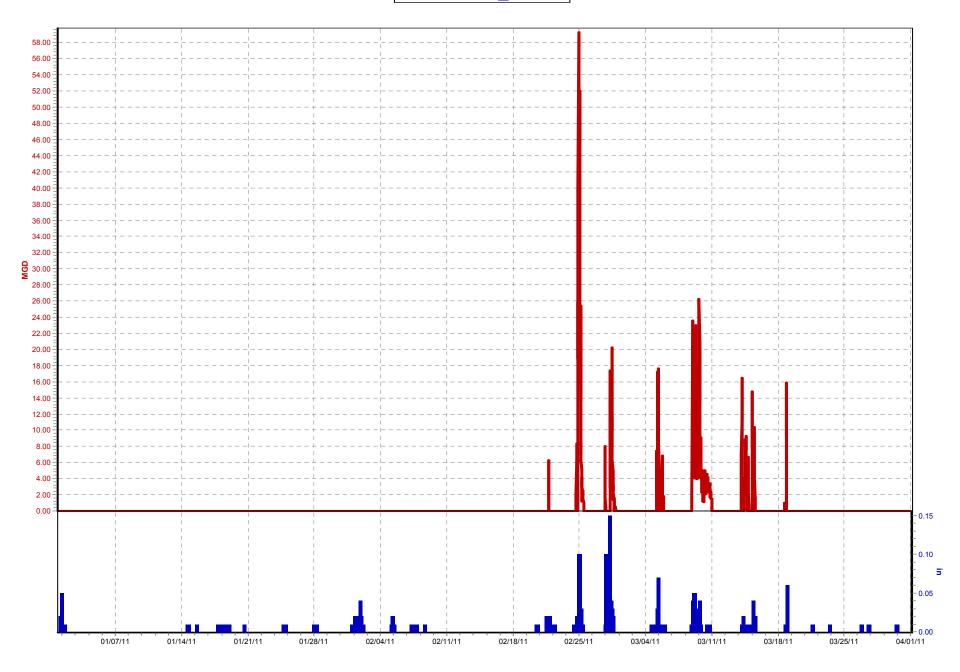
## CSO146 (01/01/11 to 04/01/11)



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

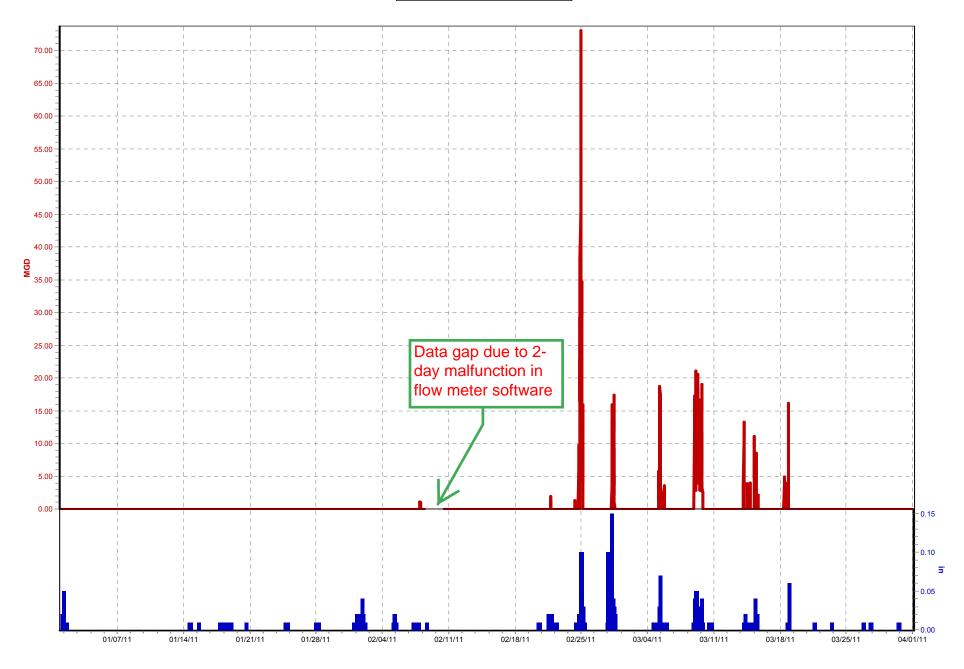


## CSO151 (01/01/11 to 04/01/11)

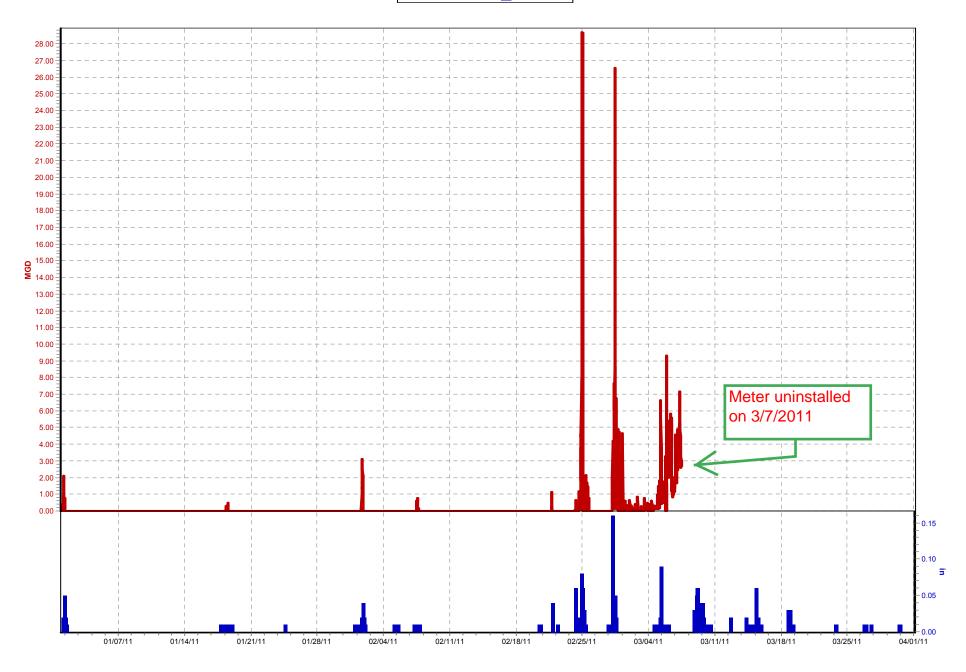


## CSO152 (01/01/11 to 04/01/11)

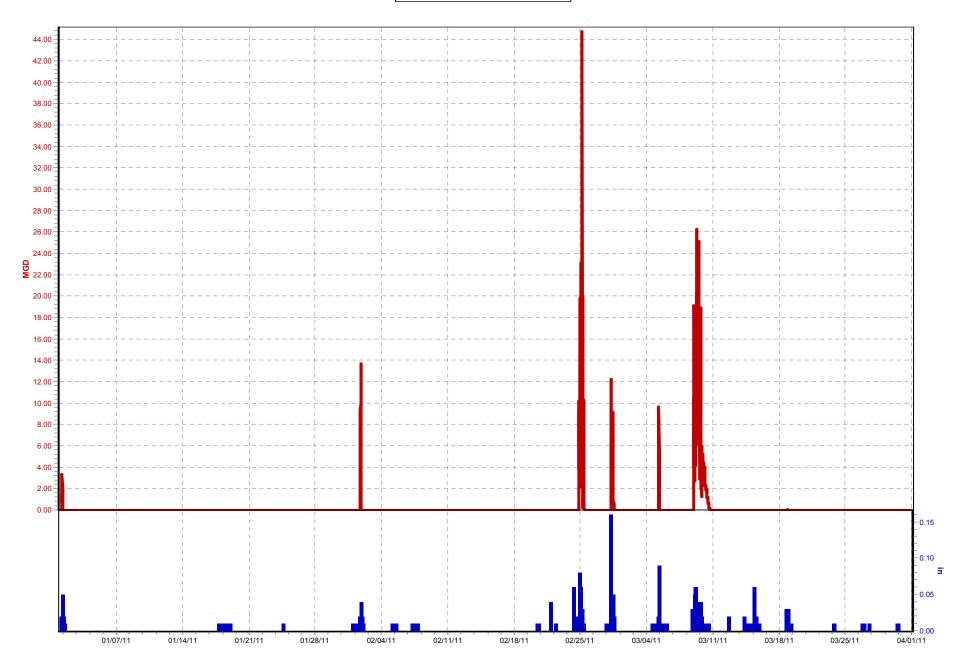
Flow (mgd) TR12.Rain (in)



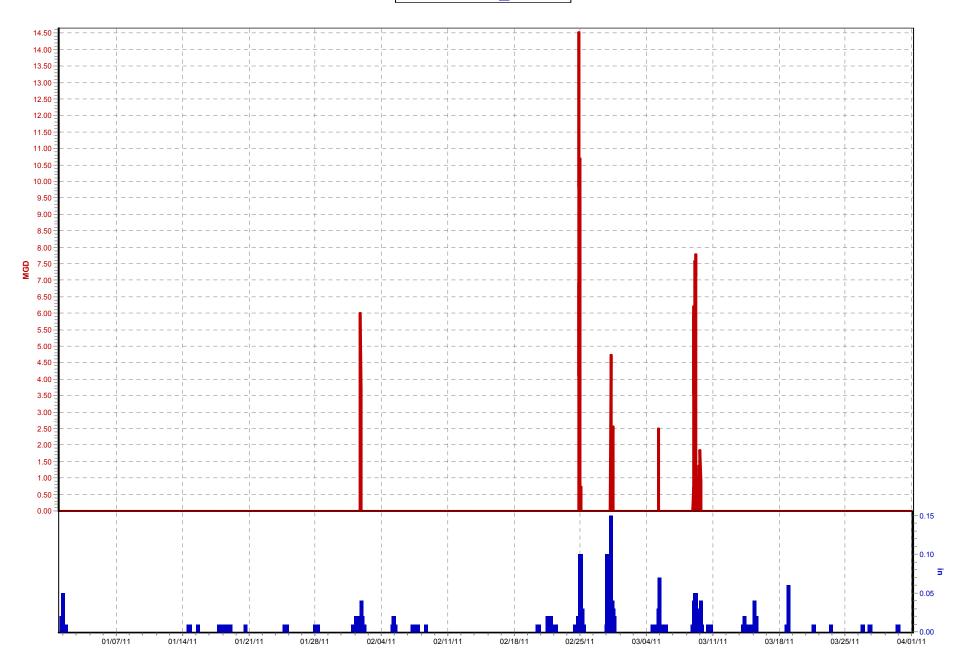
#### CSO153 (01/01/11 to 04/01/11)



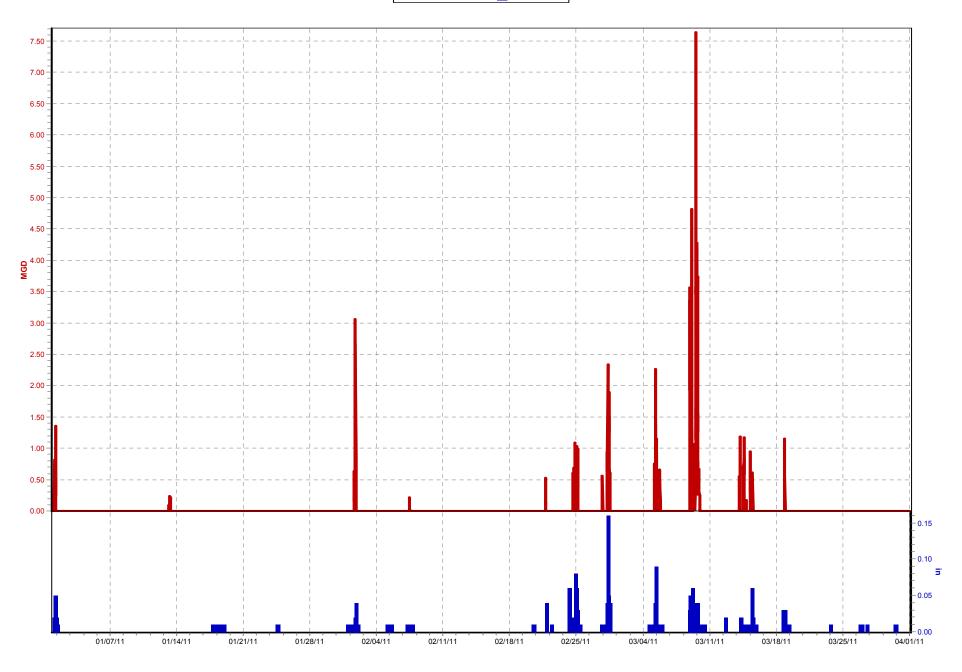
## CSO166 (01/01/11 to 04/01/11)



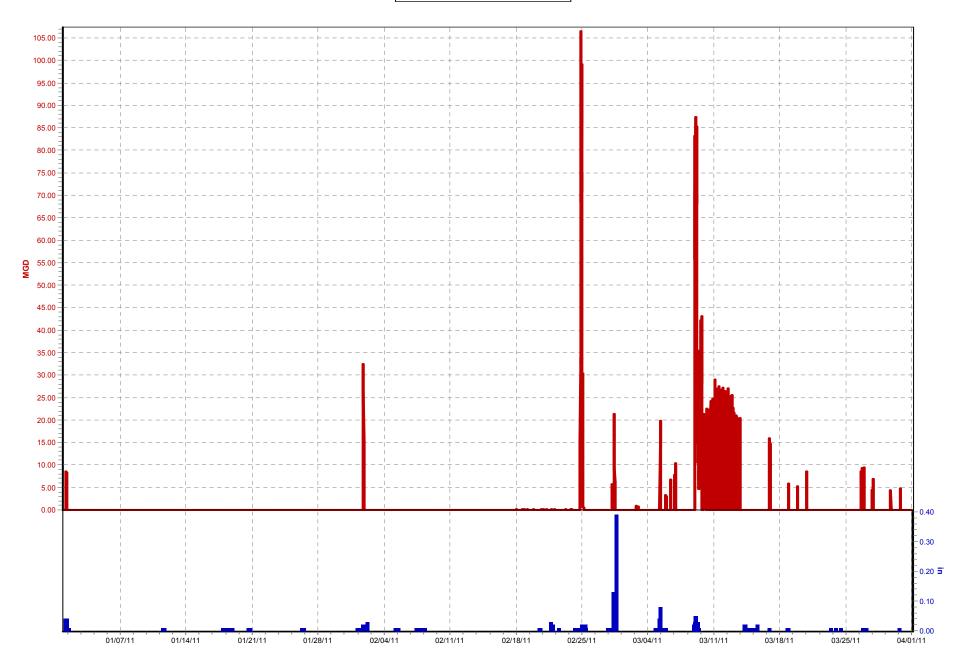
## CSO174 (01/01/11 to 04/01/11)



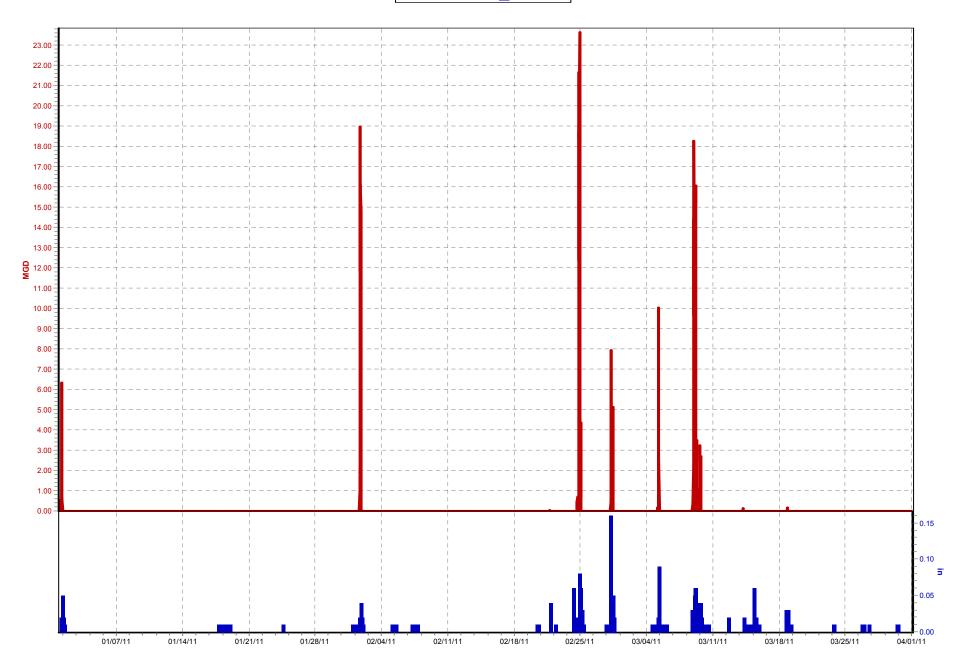
## CSO182 (01/01/11 to 04/01/11)



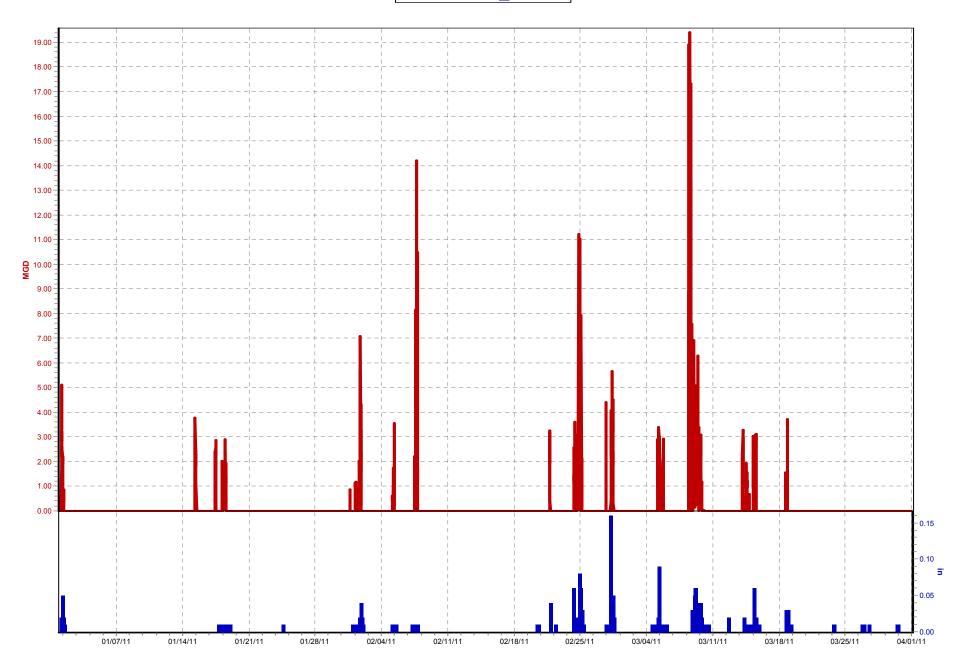
#### CSO189 (01/01/11 to 04/01/11)



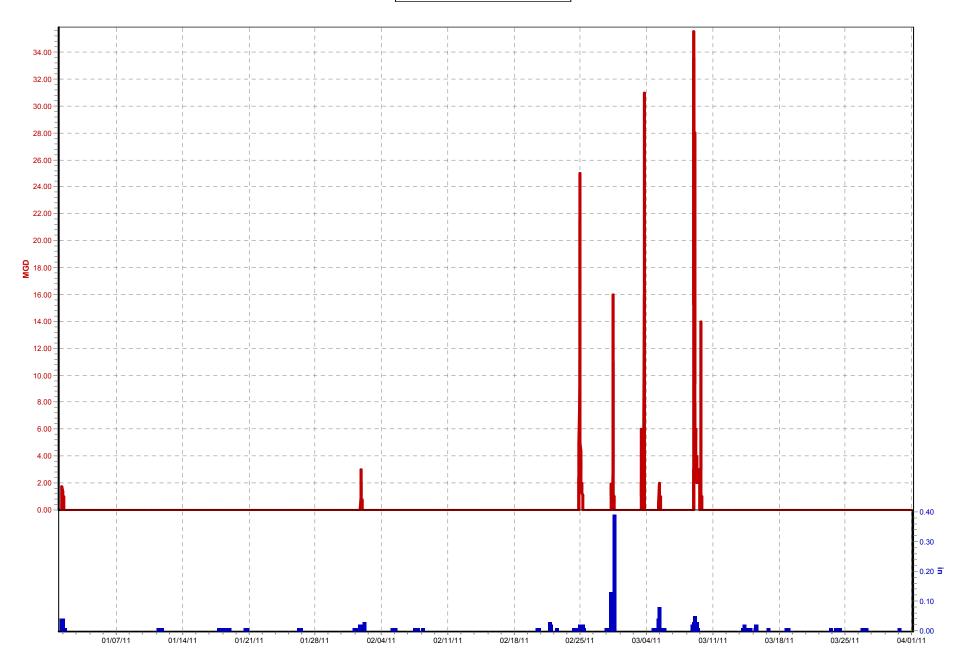
## CSO190 (01/01/11 to 04/01/11)



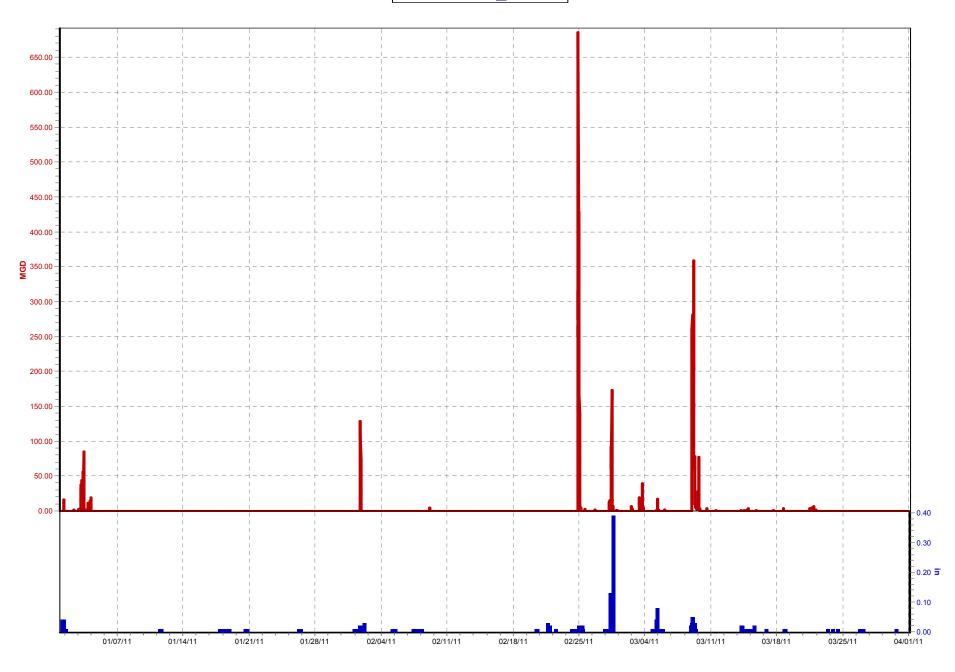
## CSO206 (01/01/11 to 04/01/11)



## CSO210 (01/01/11 to 04/01/11)



## CSO211 (01/01/11 to 04/01/11)



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

CSO019 – 4/10/2011 – 4/11/2011 Sigma Battery was replaced.

CSO118 - Installed on 4/4/2011

CSO152 - Uninstalled on 6/21/2011

CSO153 – Flow switched from Flodar to Sigma; data gap from 3/7/2011 – 4/20/2011

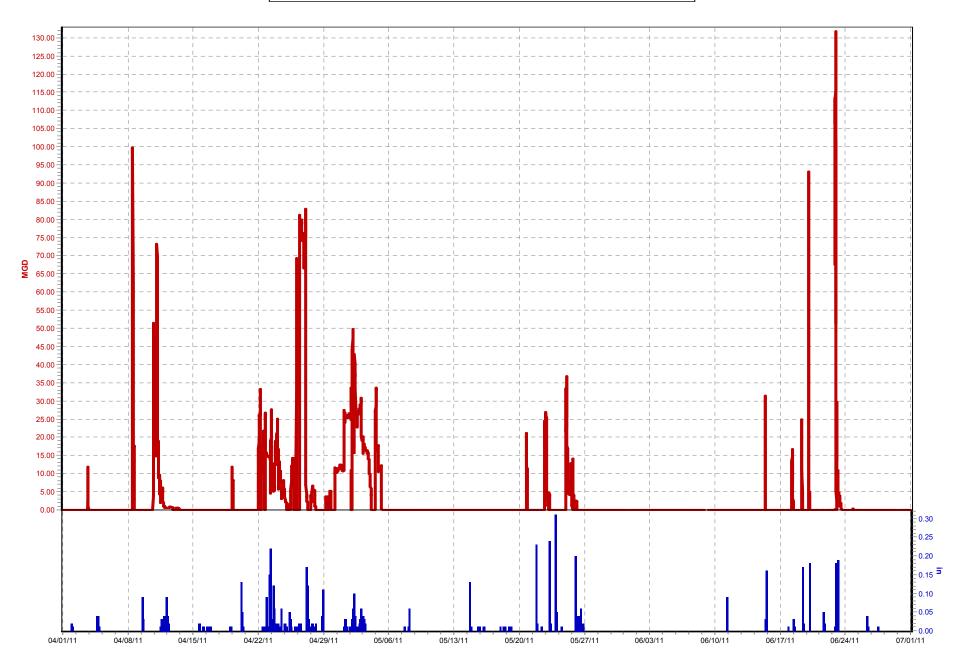
CSO166 - Uninstalled on 6/28/2011

CSO190 – 5/8/2011 – 5/13/2011 Sigma Battery was replaced.

CSO206 – 5/13/2011 – 5/22/2011 Sigma Battery was replaced.

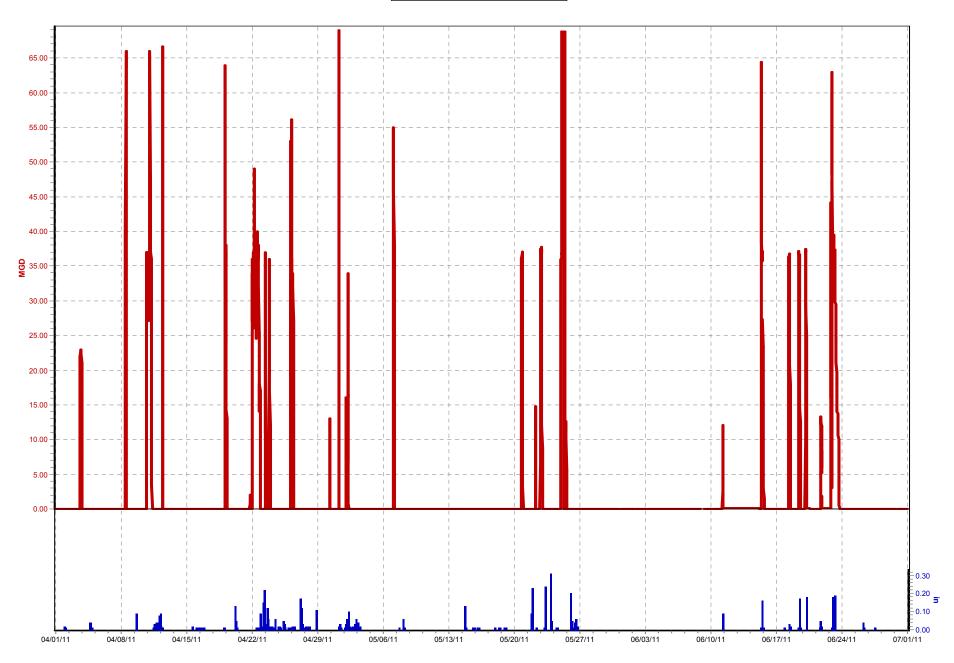
## CSO015\_Hist\_Data (04/01/11 to 07/01/11)

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



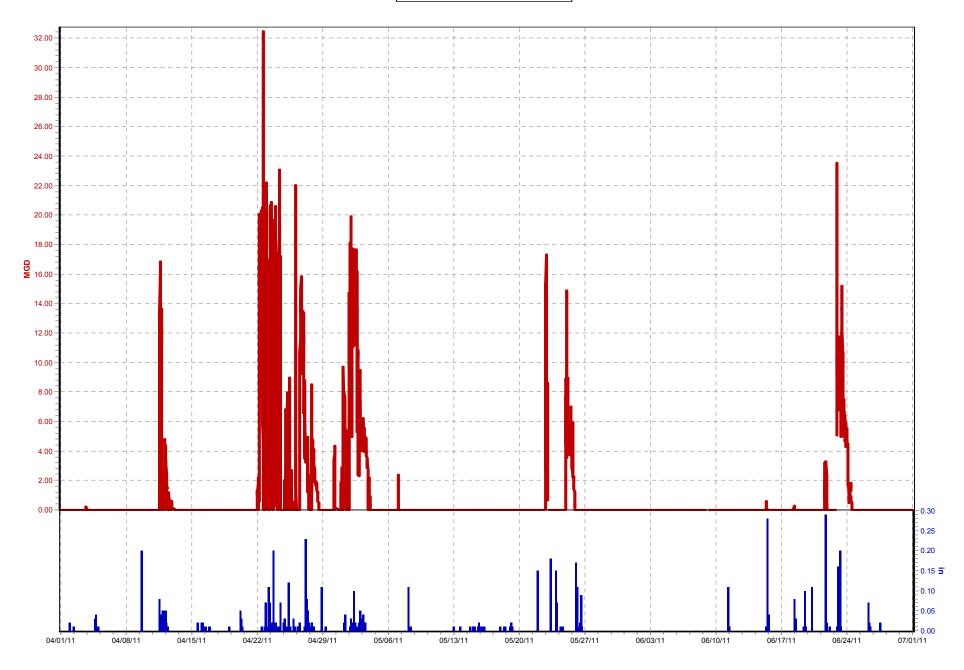
## CSO016\_Hist\_Data (04/01/11 to 07/01/11)

Flow TR04.Rain (in)

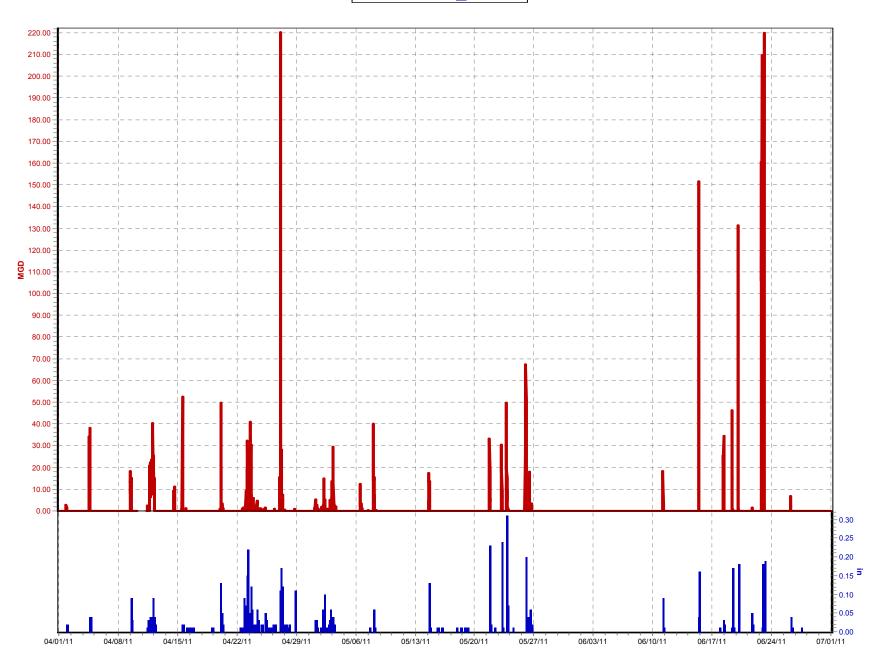


## CSO018\_Hist\_Data (04/01/11 to 07/01/11)

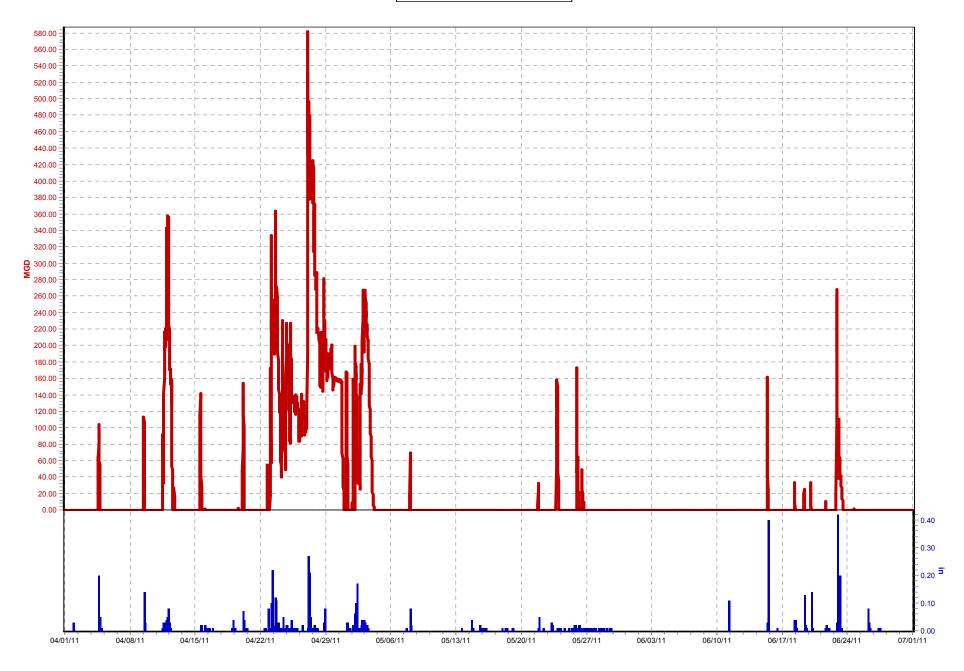
Flow TR12.Rain (in)



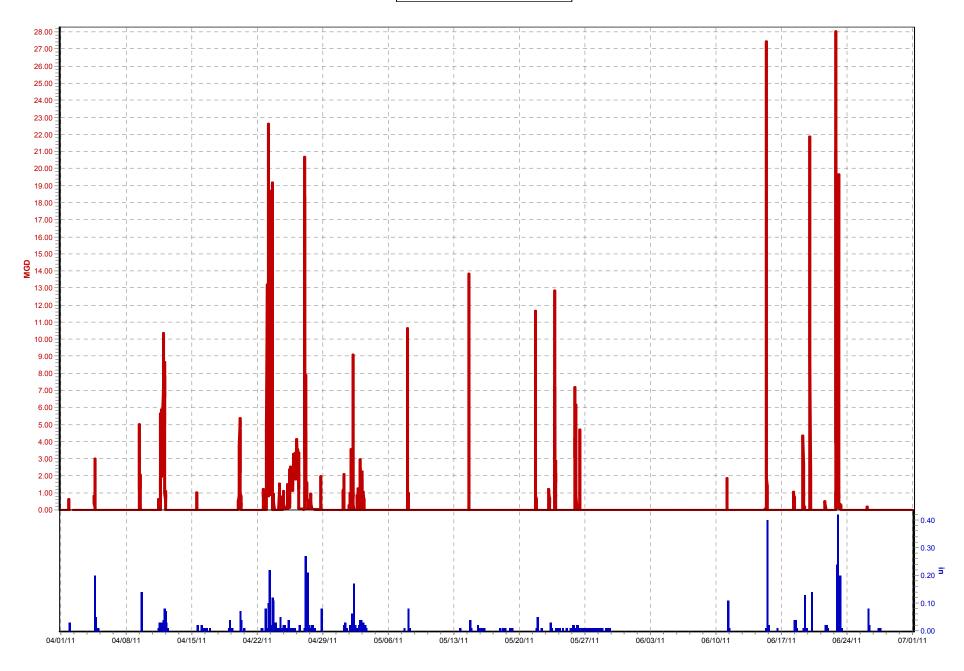
## CSO019 (04/01/11 to 07/01/11)



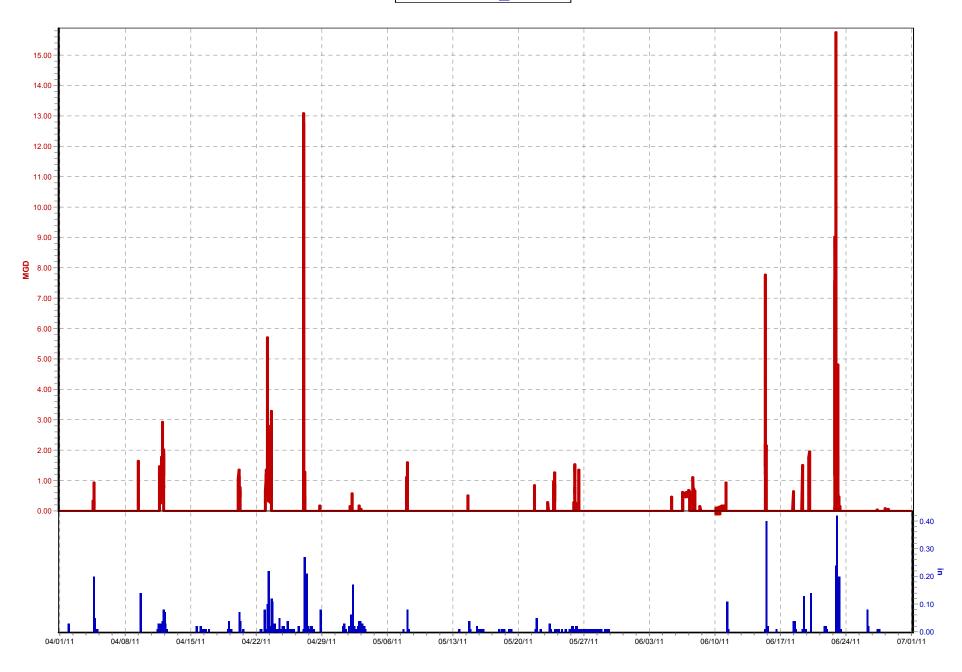
## CSO020\_Hist\_Data (04/01/11 to 07/01/11)



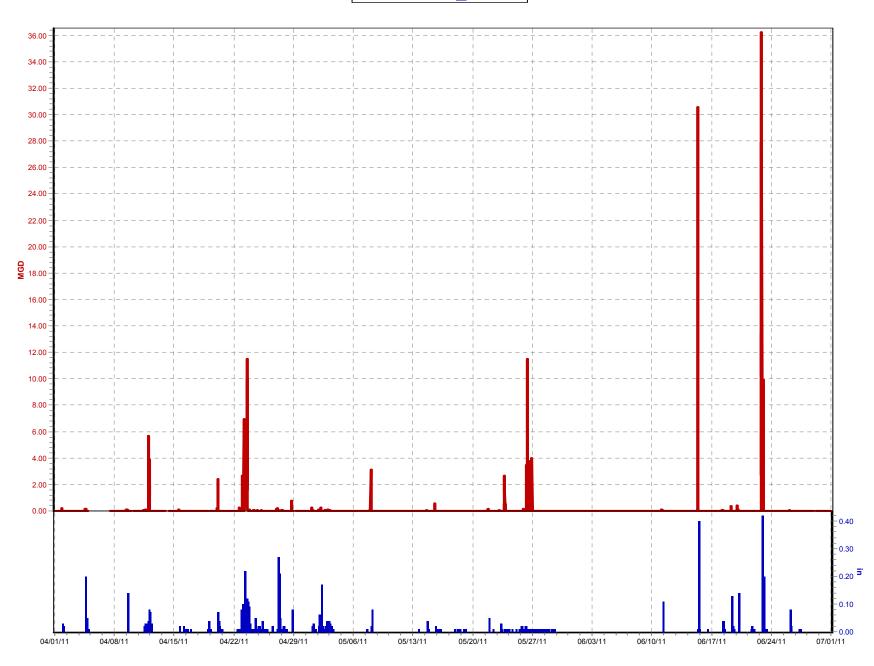
#### CSO050 (04/01/11 to 07/01/11)



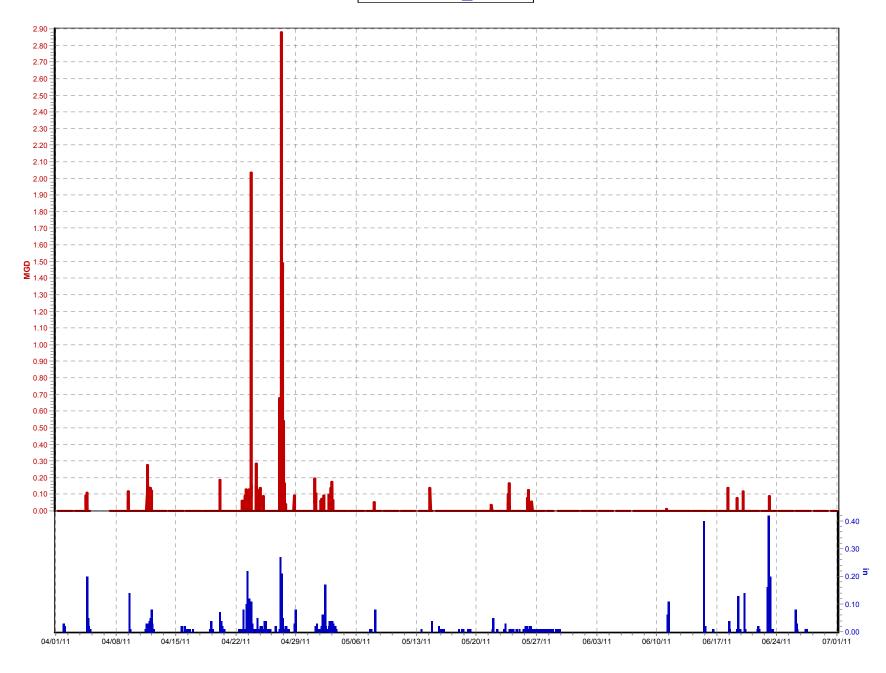
## CSO055 (04/01/11 to 07/01/11)



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

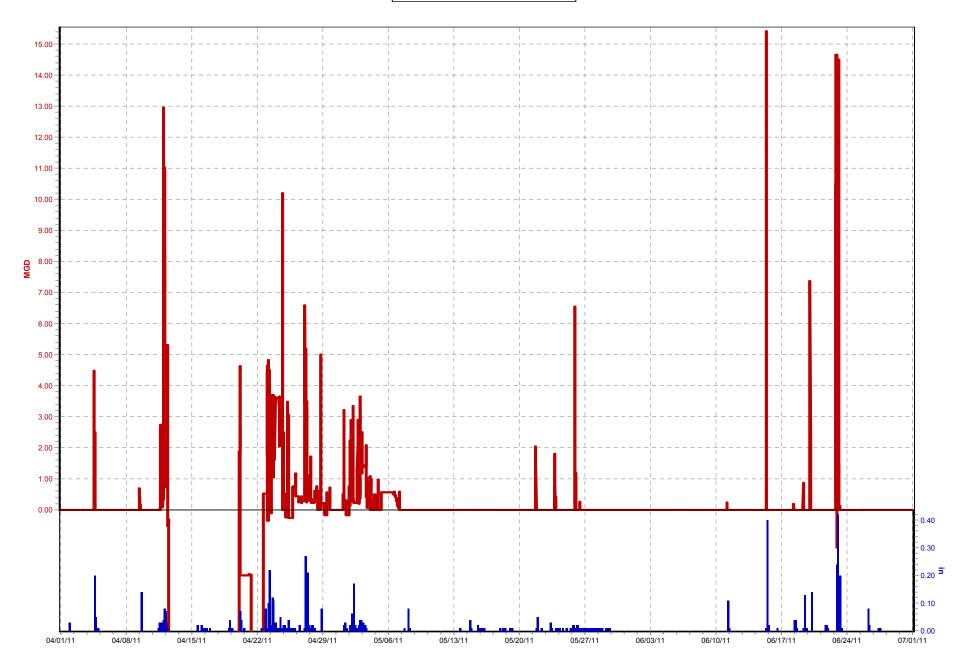


## CSO084 (04/01/11 to 07/01/11)



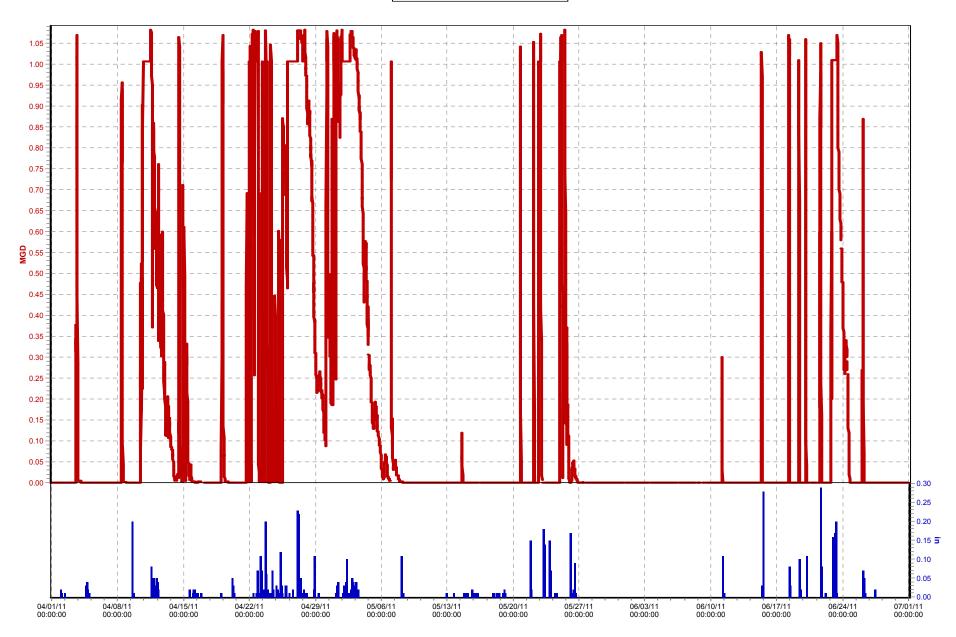
## CSO088 (04/01/11 to 07/01/11)

✓ M1 Flow (MGD) ✓ TR05.Rain (in)

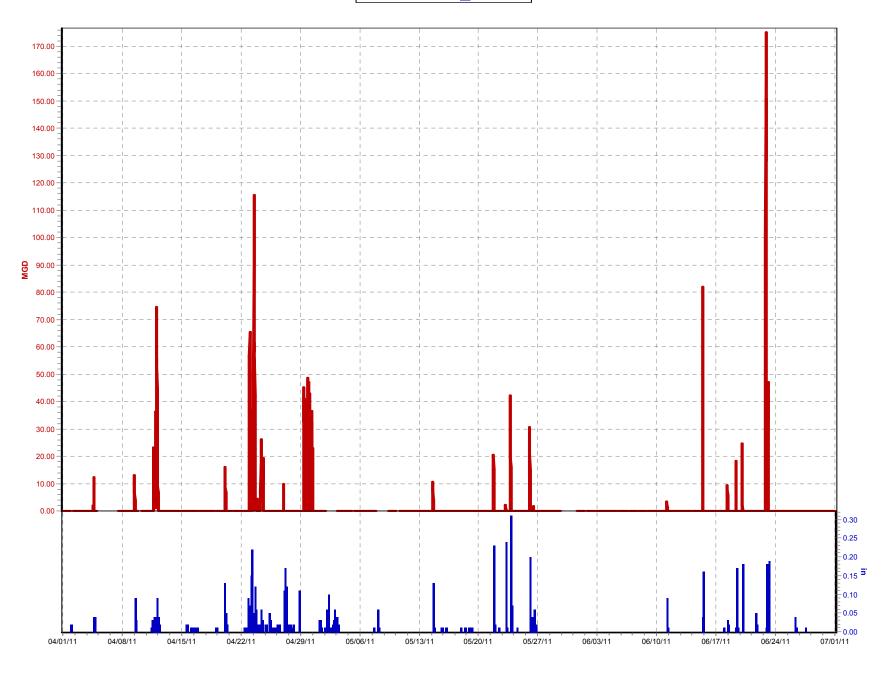


## CSO097\_Hist\_Data (04/01/11 to 07/01/11)

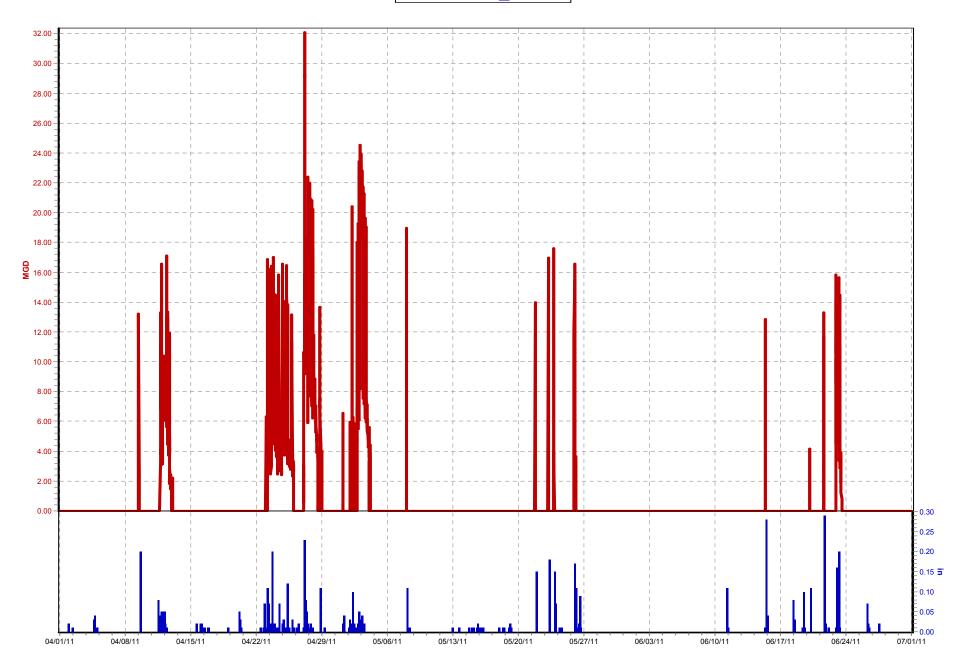
▼ Flow ▼ TR12.Rain (in)



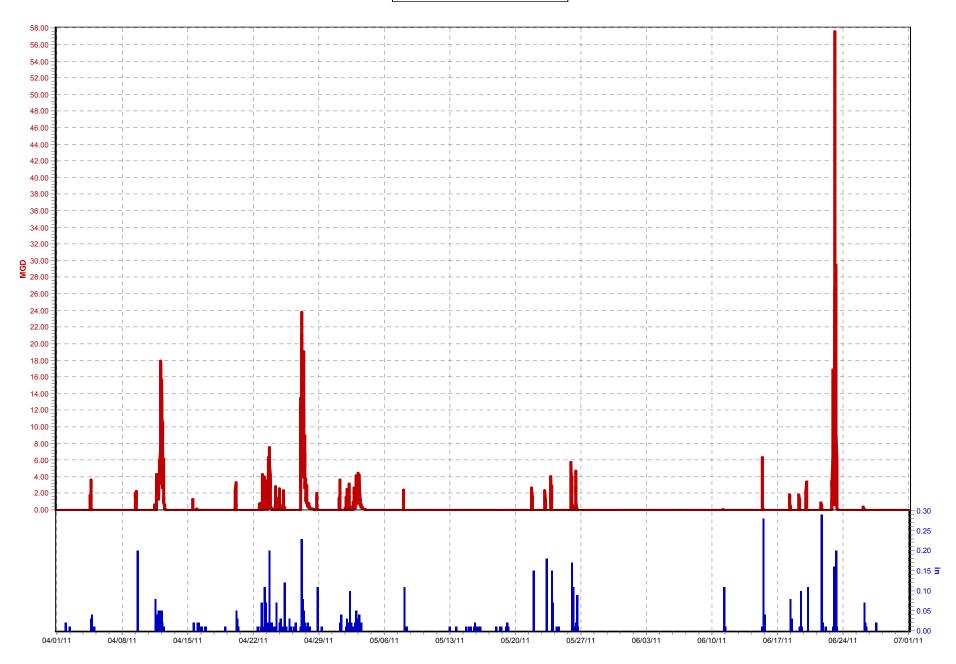
## CSO105 (04/01/11 to 07/01/11)



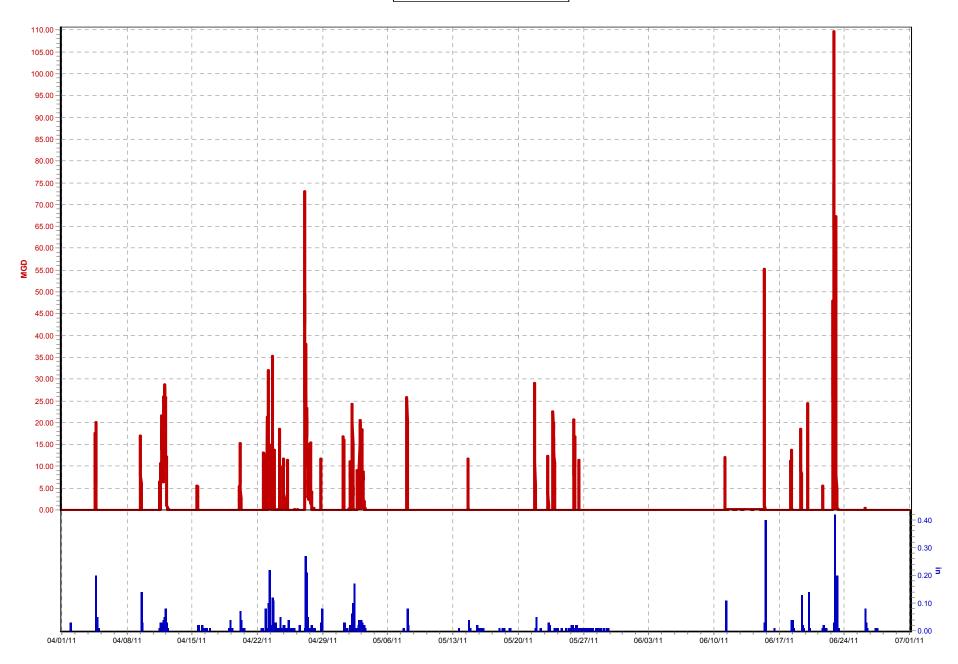
## CSO108\_CDS\_OF (04/01/11 to 07/01/11)



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

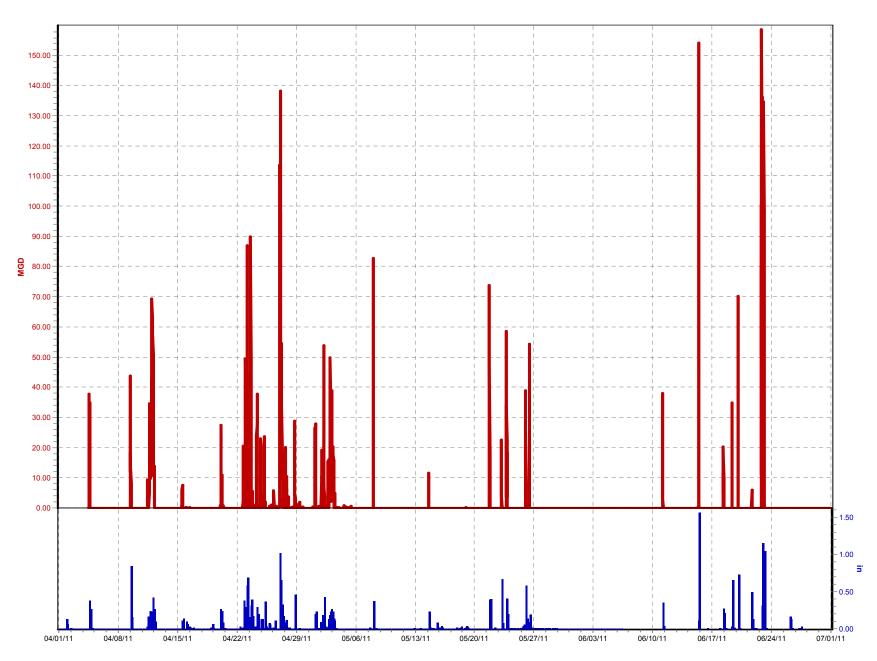


## CSO117 (04/01/11 to 07/01/11)

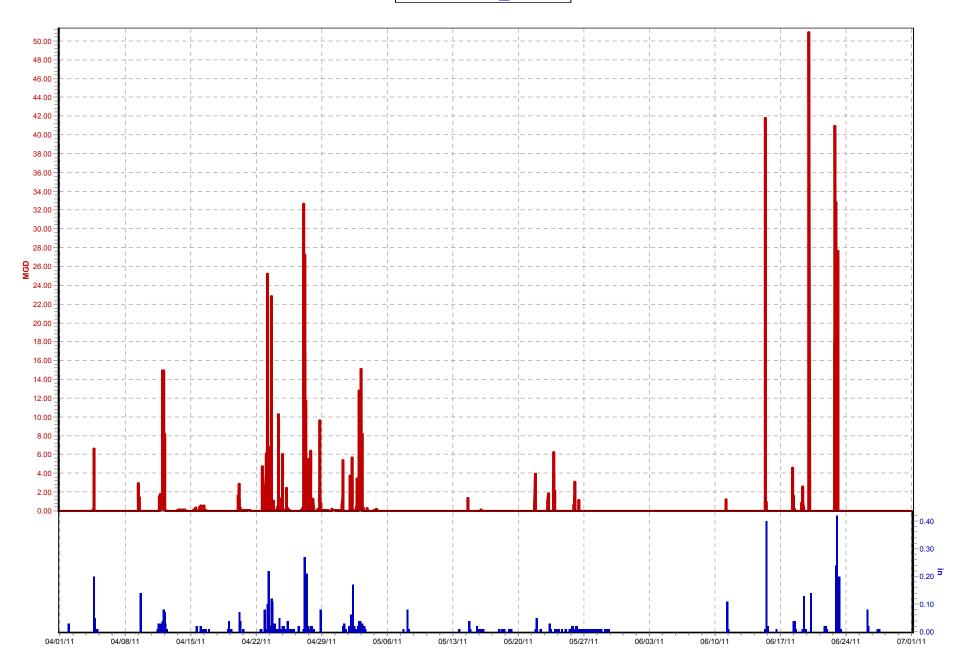


## CSO118 (04/01/11 to 07/01/11)

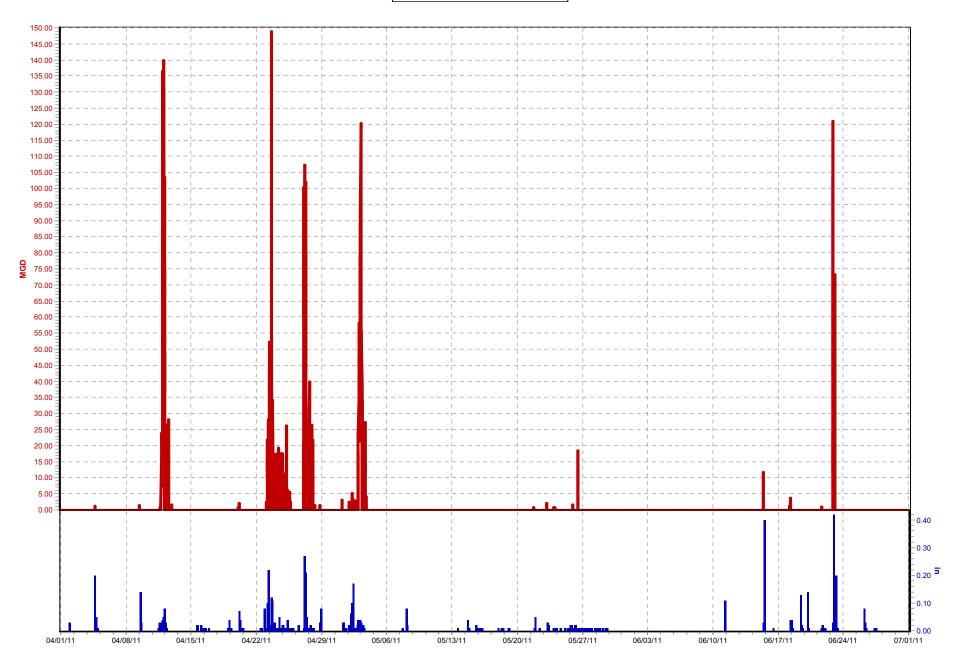




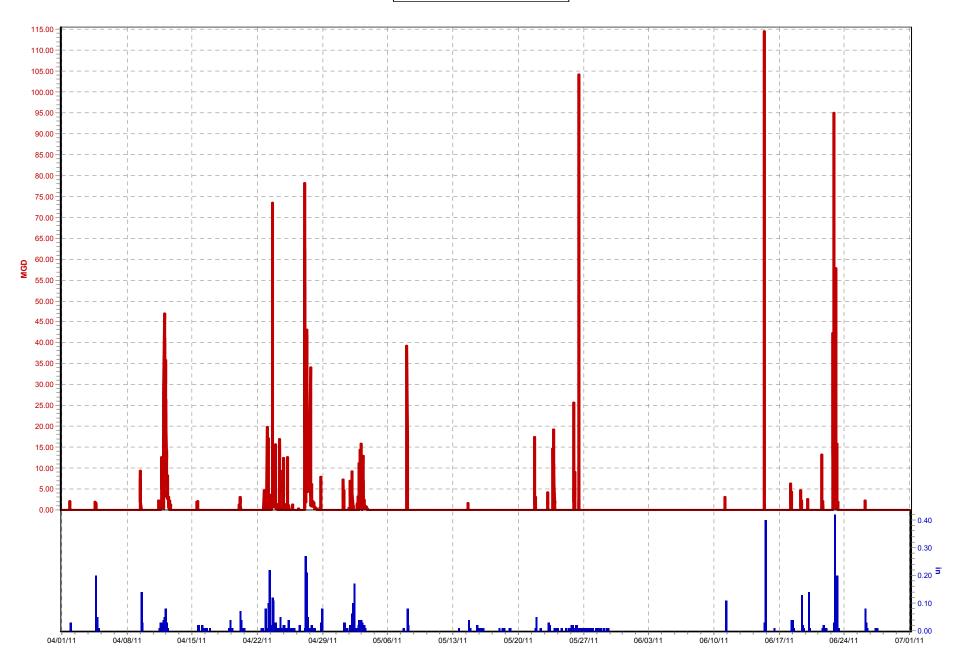
#### CSO121 (04/01/11 to 07/01/11)



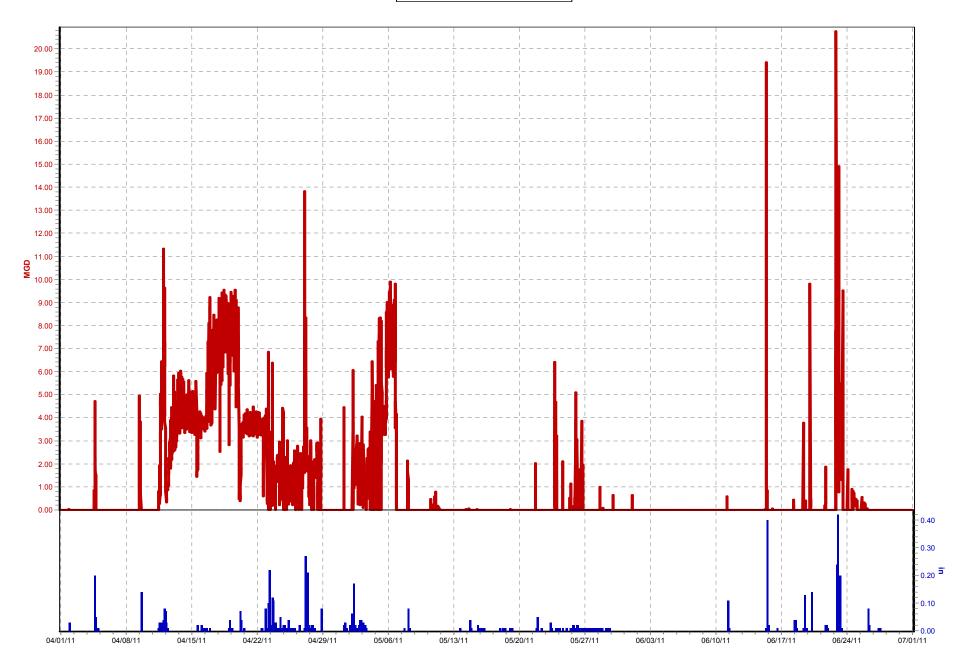
#### CSO125 (04/01/11 to 07/01/11)



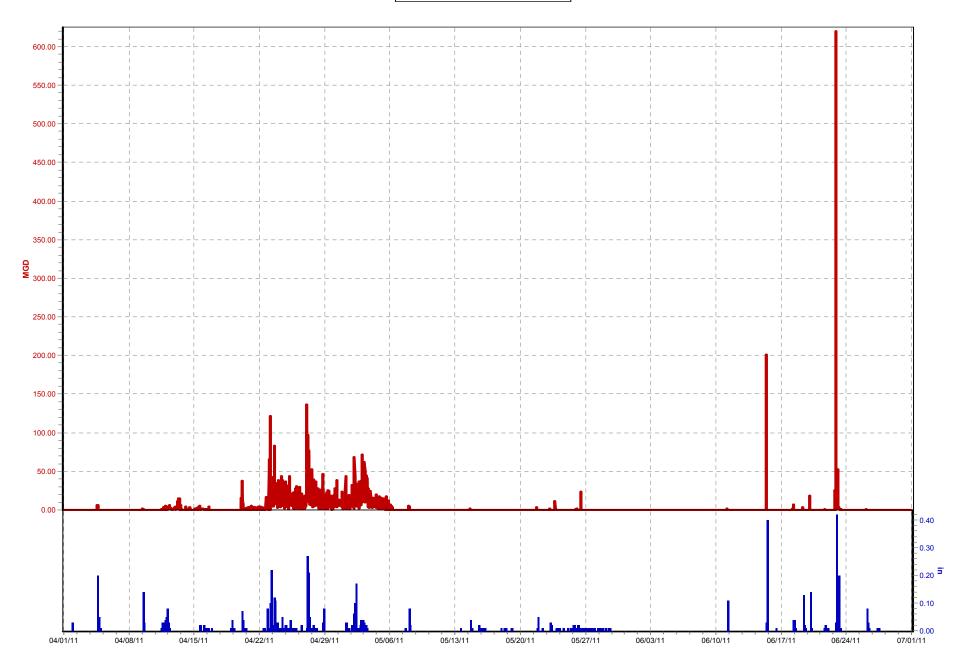
#### CSO127 (04/01/11 to 07/01/11)



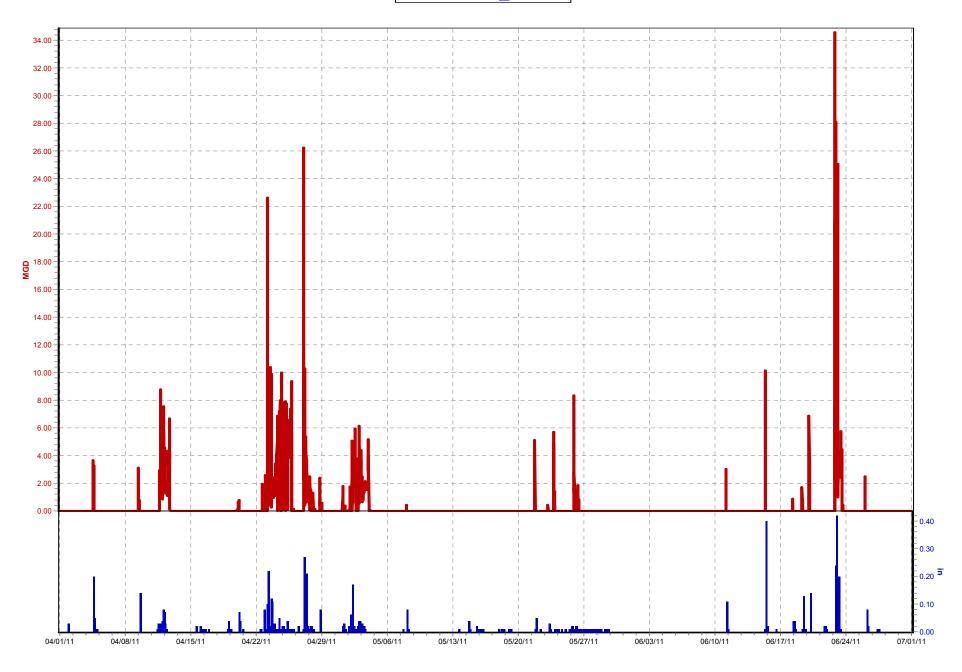
## CSO130 (04/01/11 to 07/01/11)



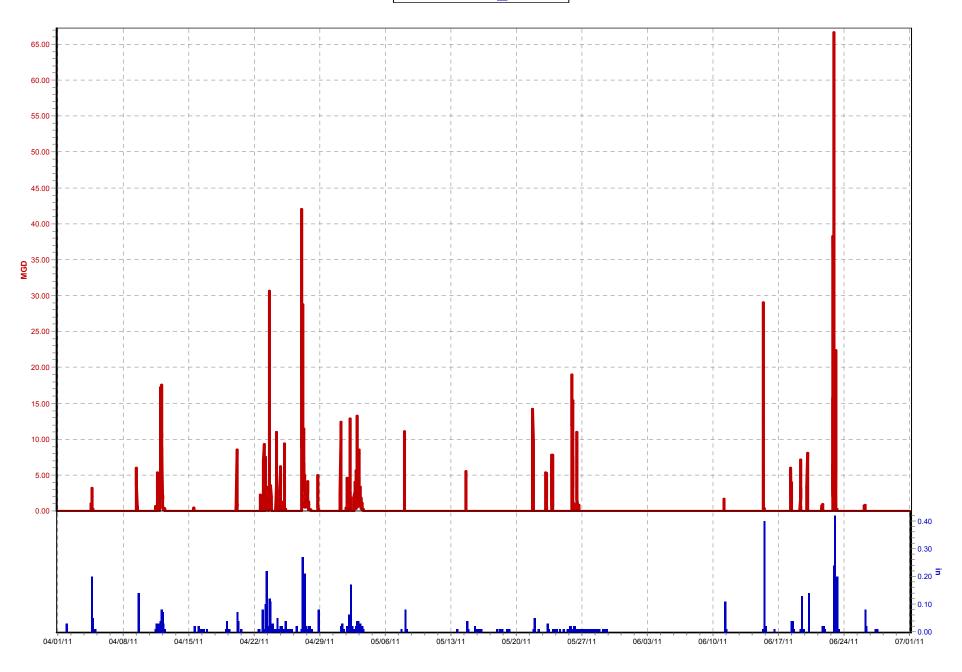
## CSO132 (04/01/11 to 07/01/11)



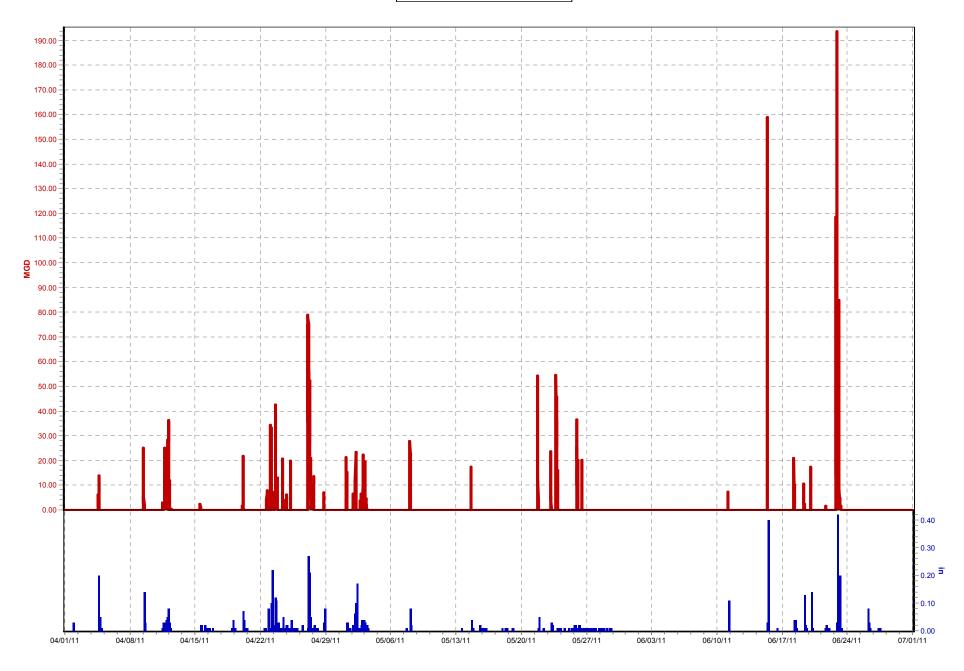
## CSO140 (04/01/11 to 07/01/11)



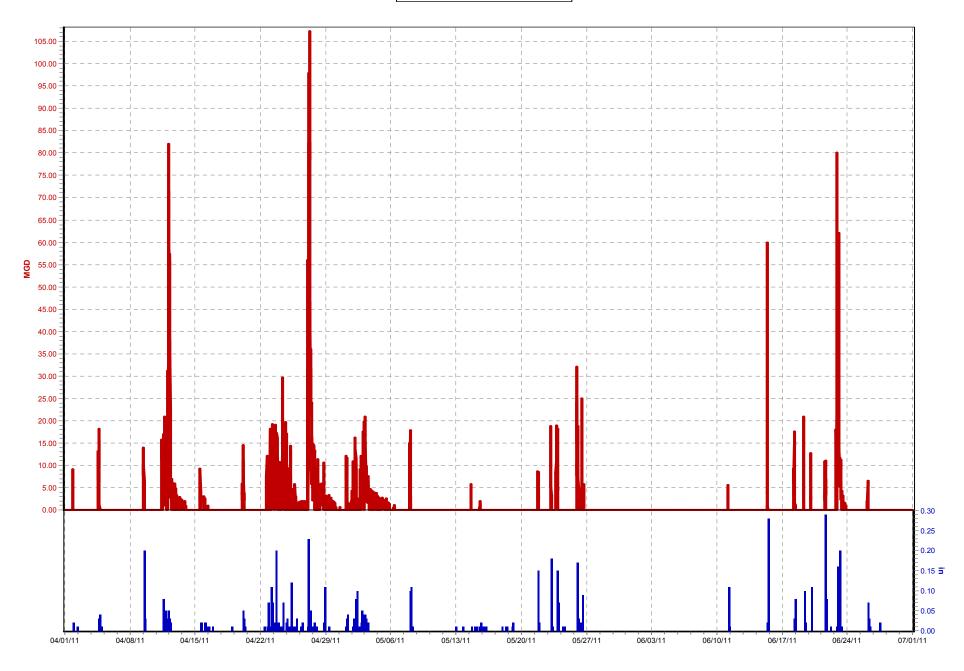
## CSO146 (04/01/11 to 07/01/11)



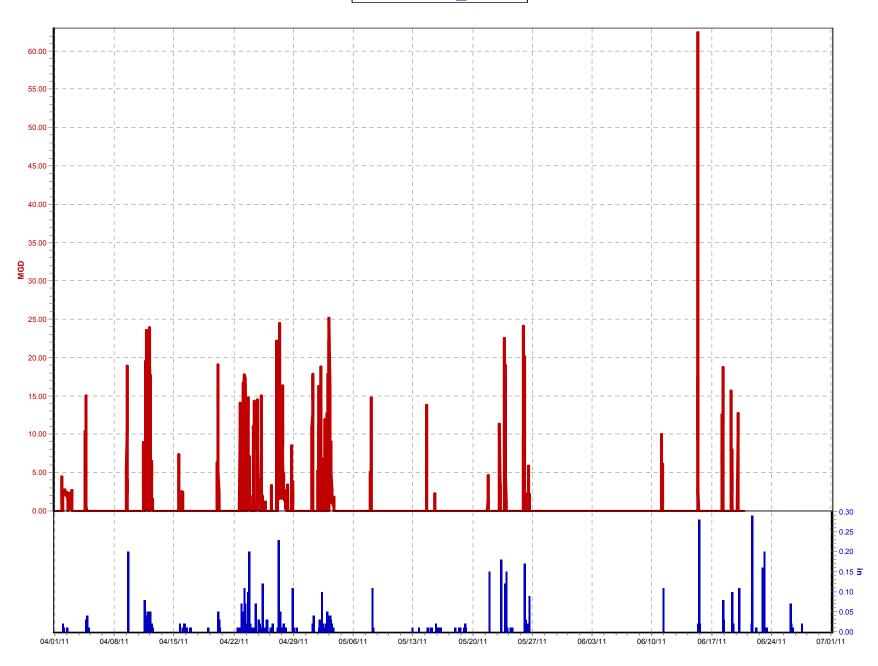
## CSO149 (04/01/11 to 07/01/11)



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

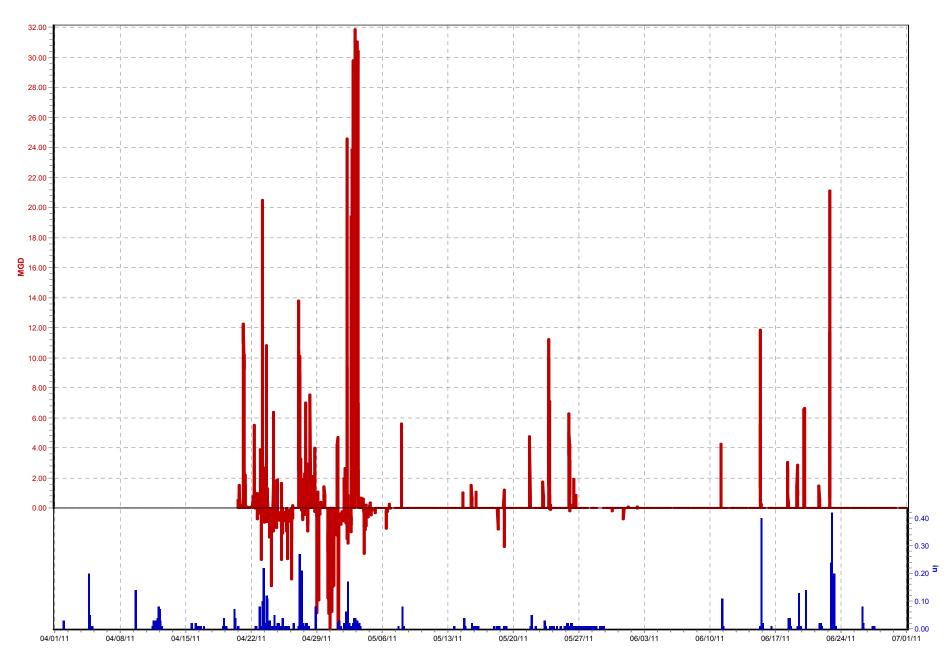


## CSO152 (04/01/11 to 07/01/11)

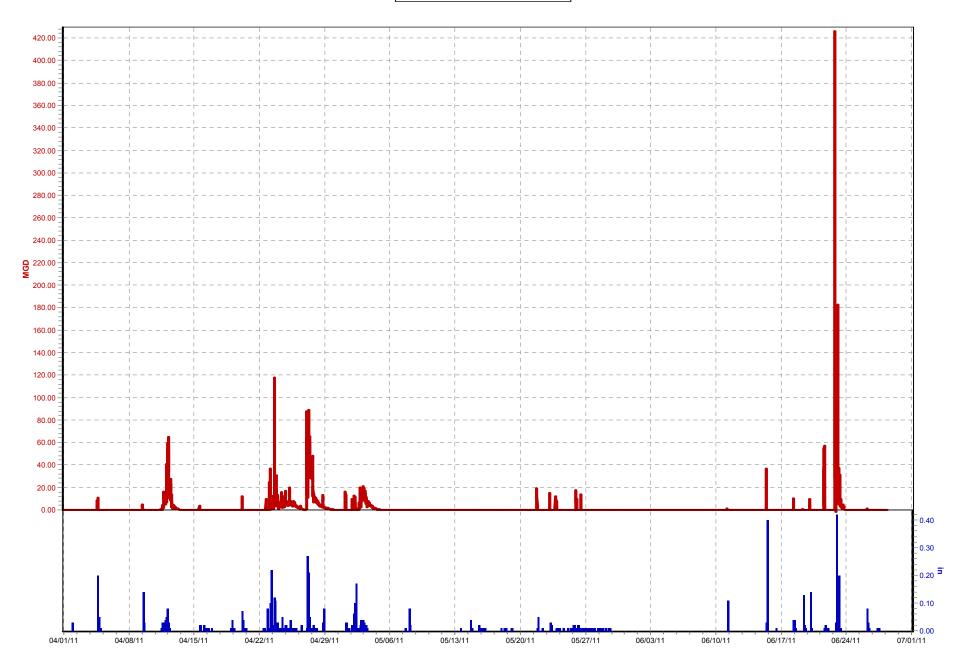


#### CSO153 (04/01/11 to 07/01/11)

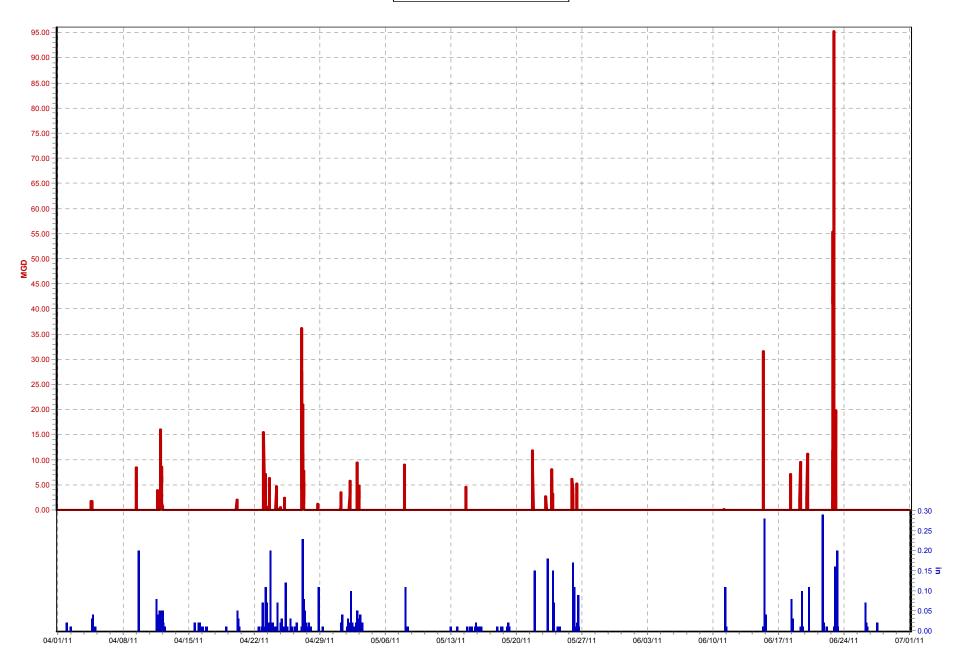




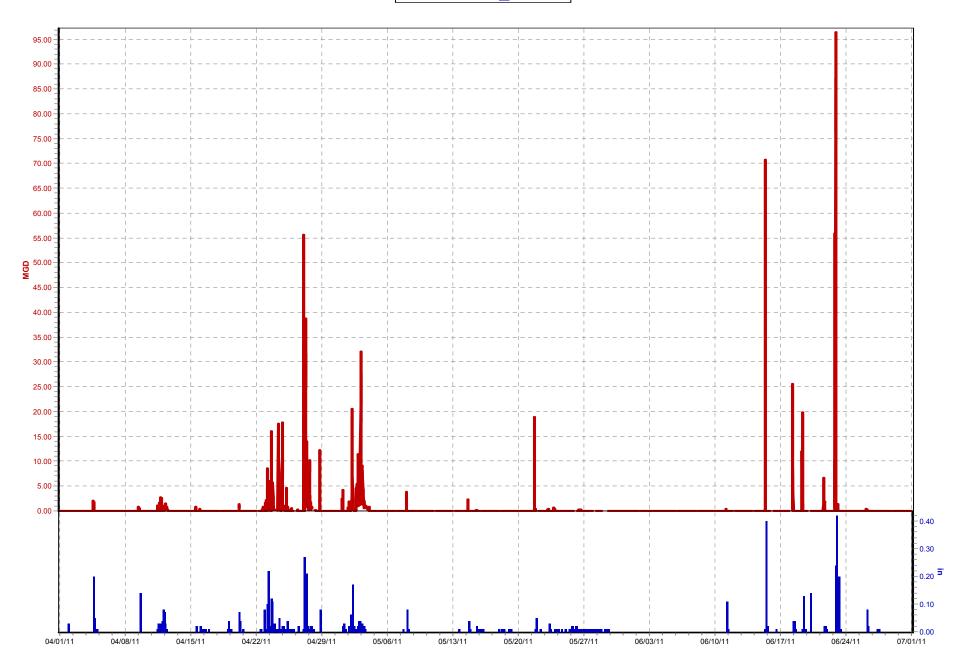
## CSO166 (04/01/11 to 07/01/11)



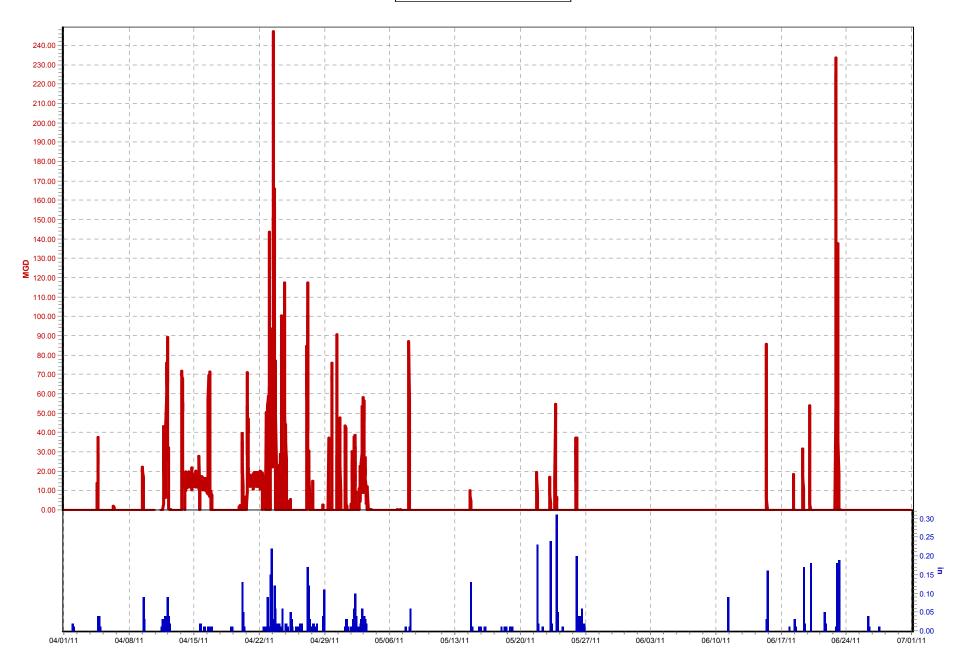
## CSO174 (04/01/11 to 07/01/11)



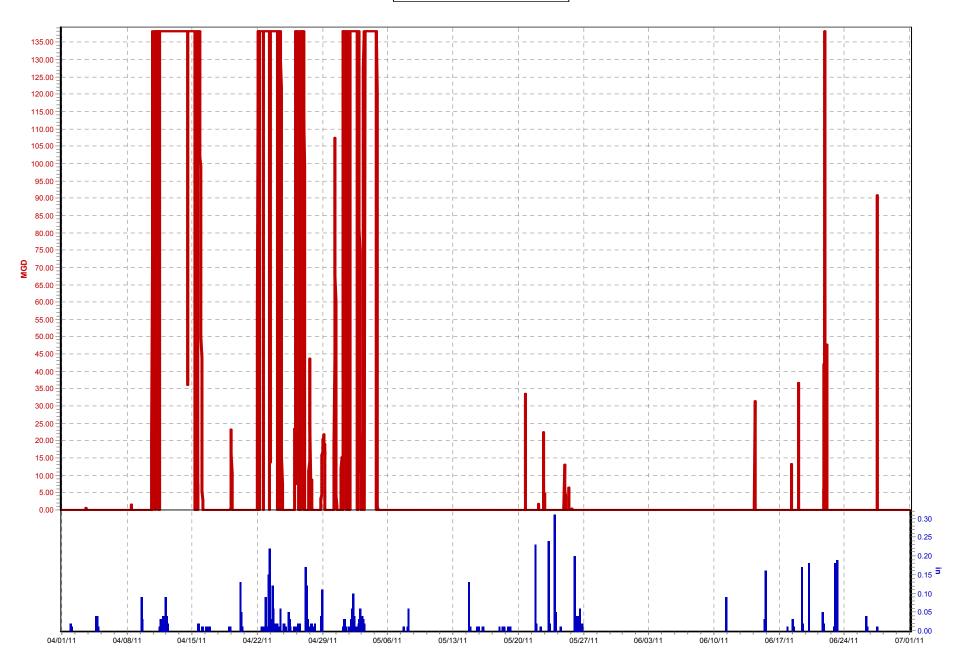
## CSO182 (04/01/11 to 07/01/11)



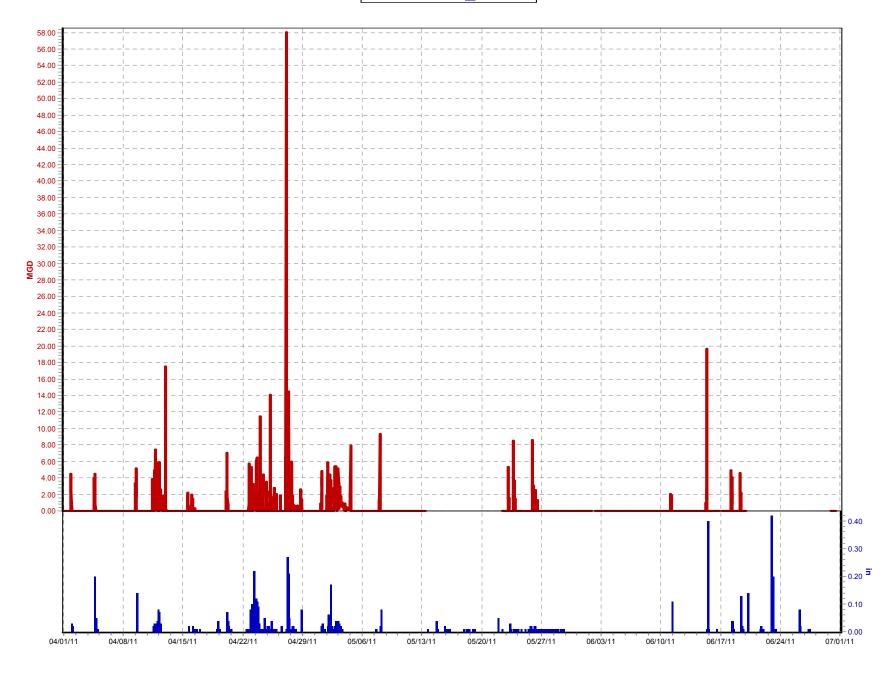
#### CSO189 (04/01/11 to 07/01/11)



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

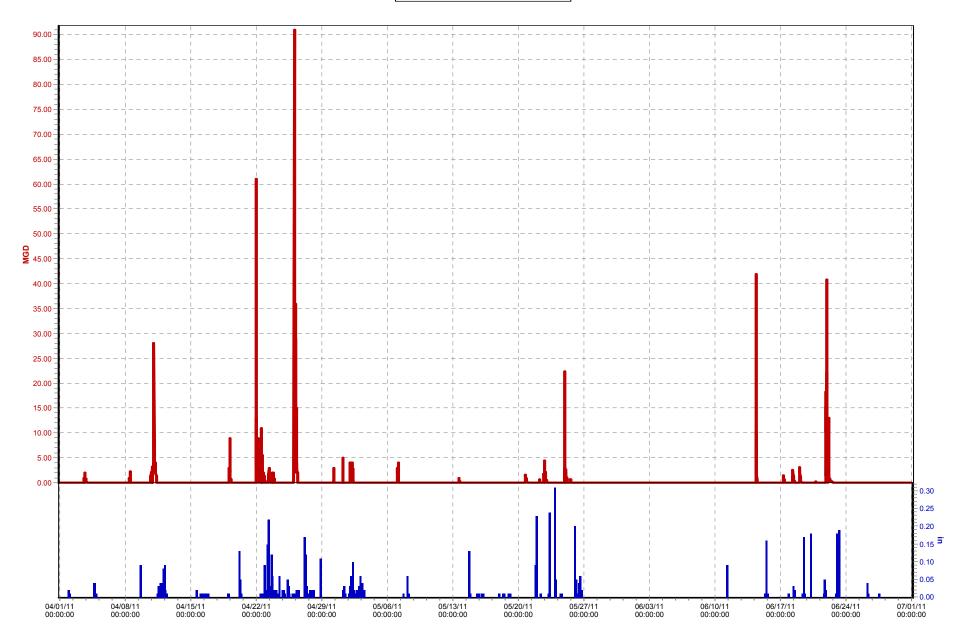


#### CSO206 (04/01/11 to 07/01/11)



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

Flow TR04.Rain (in)





## **APPENDIX E - ACRONYMS**



#### **Appendix E - Acronyms for Project WIN Annual Report**

AAM Advanced Asset Management
AAOV Average Annual Overflow Volume
ADAPS Automated Data Processing System
BAP Blockage Abatement Program

BGC Beargrass Creek

BMP Best Management Practices

BUD Before "U" Dig

CCP Composite Correction Plan CCTV Closed Caption Television

CD Consent Decree

CDS

CIPP Cured in Place Pipe

CMF Central Maintenance Facility

CMMS Computerized Maintenance Management System
CMOM Capacity Management Operations and Maintenance

CPE Comprehensive Performance Evaluations

CSO Combined Sewer Overflow

CSOFT Software Name

CSS Combined Sewer System

CSSA Continuing Sewer System Assessment

DMR Discharge Monitoring Report

DO Dissolved Oxygen
DWO Dry Weather Overflow

eB Enterprise Bridge (Enterprise Informatics scanning software for document management)

EGIS Emergency Geographic Information System

EMC Event Mean Concentration

EPA Environmental Protection Agency
ERP Enforcement Response Plan

ERPI Emergency Response Pretreatment Inspectors

FCN Field Correction Notice

FEMA Federal Emergency Management Agency

FM Force Main

FMIS Fleet Management Information System

FOG Fats, Oil & Grease FPS Flood Pump Station

FSE Food Service Establishment

FY Fiscal Year

GCE Grease Control Equipment
GIS Geographic Information System
GLPM Gravity Line Preventive Maintenance

GPD Gallons per Day

HMI Human Machine Interface

HR Human Resources

I&FP Infrastructure & Flood Protection (MSD Division)

ICA Interceptor Condition Assessment

ID Identification

1&I Inflow and Infiltration

IMS Information Management System

#### Appendix E - Acronyms for Project WIN Annual Report

IOAP Integrated Overflow Abatement Plan
ISSDP Interim Sanitary Sewer Discharge Plan

ID Identification

IT Information TechnologyIWD Industrial Waste DepartmentJCPS Jefferson County Public Schools

KDEP Kentucky Department of Environmental Protection KPDES Kentucky Pollutant Discharge Elimination System

KY Kentucky

LE Lateral Extension
LF Linear Feet

LID Low Impact Development

LIMS Laboratory Information Management System

LMDPHW Louisville Metro Department of Public Health and Wellness

LMPD Louisville Metro Police Department

LTC Long Term Control LTCP Long Term Control Plan

LOJIC Louisville and Jefferson County Information Consortium

MDS Main Diversion Structure
MEB Main Equipment Building

MG Million Gallons

MGD Million Gallons Per Day

MH Manhole

MO Metro Operations

MOA Memorandum of Agreement
MOR Monthly Operating Report
MOU Memorandum of Understanding

MSD Metropolitan Sewer District (Louisville and Jefferson County)

NACWA National Association of Clean Water Agencies

NDD Non-Domestic Dischargers
NMC Nine Minimum Controls
NOV Notice of Violation
NPR National Public Radio

MC Mission Critical

ORD Office of Research and Development

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

PRIDE Personal Responsibility in a Desirable Environment

PS Pump Station

PSC Property Service Connection
QA/QC Quality Assurance/Quality Control
RDII Rainfall-Derived Infiltration and Inflow

RS Regulatory Services
RTC Real Time Control

#### **Appendix E - Acronyms for Project WIN Annual Report**

S&F Solids and Floatables

SAP Software Name

SCADA Supervisory Control And Data Acquisition

SCAP System Capacity Assurance Plan SEP Supplemental Environmental Projects

SIU Significant Industrial User
SNC Significant not compliance
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

SWO Stop Work Order

SWOR2 Southwestern Outfall Relief - Phase 2

SWPS Southwestern Pump Station

TISCIT Totally Integrated Sonar and CCTV Inspection Technique

TM Technical Memorandum
TMDL Total Maximum Daily Load

TV Television

UDR Unusual Discharge Request
UIM Utility Information Management

UK University of Kentucky

USACE U.S. Army Corps of Engineers
USGS United States Geological Survey
WDR Wastewater Discharge Regulators
WIN Waterway Improvements Now

WQT Water Quality Tool

WQTC Water Quality Treatment Center

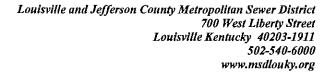
WW Wet Weather

WWT Wet Weather Team



## **APPENDIX F - ANNUAL LETTER TO RESIDENTS**







April 30, 2010

#### Dear Louisville Metro Resident:

MSD is committed to providing clean, safe waterways to be used by the community for recreational purposes and also to be a home for thriving populations of fish and wildlife. As part of this commitment, we are continuing with the 19-year comprehensive sewer improvement program - Project WIN (Waterway Improvements Now) which will continue through 2024. This program is designed to significantly reduce major sources of water pollution by reducing the overloading of sewers from excessive rainwater, thereby mitigating combined and sanitary sewer overflows throughout Louisville Metro.

As a resident living or working near the Ohio River or one of the three forks of Beargrass Creek, your neighborhood is particularly susceptible to sewer overflows during rainstorms. Included with this letter, MSD is providing you with some important information to aid you in minimizing the potential risks of contact with these waterways. There is also information about how you can assist with reducing sewer overflows within your neighborhood.

We look forward to working with you in our continuing efforts to improve the quality of our waterways and improving the livability of the community. Together we can protect and enhance Louisville Metro's waterways to ensure they are clean, safe and enjoyable for generations to come.

Please call us at (502) 587-0603, or visit us online at <a href="www.msdlouky.org/projectwim">www.msdlouky.org/projectwim</a> to learn more about Project WIN and how you can become part of the WINning team!

Sincerely,

MSD Executive Director



## **APPENDIX G - PHOSPHORUS MONITORING DATA**



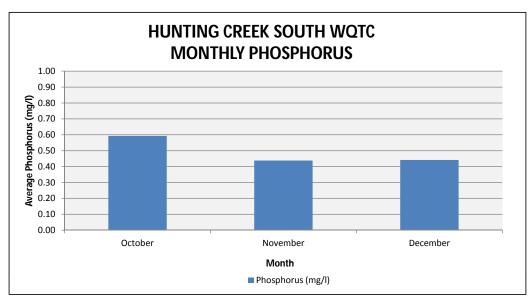
## Hunting Creek South Wastewater Treatment Plant KY0029114 Quarterly Effluent Total Phosphorus Results

## **Hunting Creek South Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
7/1/2010	EPA 200.7	Total Phosphorous via ICP	0.820	mg/l	MSD
7/8/2010	EPA 200.7	Total Phosphorous via ICP	0.440	mg/l	MSD
7/15/2010	EPA 200.7	Total Phosphorous via ICP	0.944	mg/l	MSD
7/22/2010	EPA 200.7	Total Phosphorous via ICP	0.398	mg/l	MSD
7/28/2010	EPA 200.7	Total Phosphorous via ICP	0.364	mg/l	MSD
		Monthly Average	0.59	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
8/2/2010	EPA 200.7	Total Phosphorous via ICP	0.466	mg/l	MSD
8/9/2010	EPA 200.7	Total Phosphorous via ICP	0.431	mg/l	MSD
8/18/2010	EPA 200.7	Total Phosphorous via ICP	0.438	mg/l	MSD
8/23/2010	EPA 200.7	Total Phosphorous via ICP	0.417	mg/l	MSD
		Monthly Average	0.44	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
9/2/2010	EPA 200.7	Total Phosphorous via ICP	0.229	mg/l	MSD
9/8/2010	EPA 200.7	Total Phosphorous via ICP	0.356	mg/l	MSD
9/15/2010	EPA 200.7	Total Phosphorous via ICP	0.491	mg/l	MSD
9/22/2010	EPA 200.7	Total Phosphorous via ICP	0.529	mg/l	MSD
9/29/2010	EPA 200.7	Total Phosphorous via ICP	0.602	mg/l	MSD
		_			
		Monthly Average	0.44	mg/l	



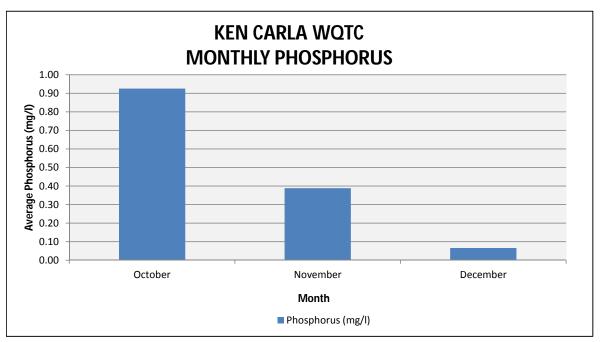
## Ken Carla Wastewater Treatment Plant KY0022497 Quarterly Effluent Total Phosphorus Results

## Ken Carla Phosphorus Readings

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
7/1/2010	EPA 200.7	Total Phosphorous via ICP	1.960	mg/l	MSD
7/15/2010	EPA 200.7	Total Phosphorous via ICP	0.365	mg/l	MSD
7/23/2010	EPA 200.7	Total Phosphorous via ICP	0.419	mg/l	MSD
7/28/2010	EPA 200.7	Total Phosphorous via ICP	0.958	mg/l	MSD
		Monthly Average	0.93	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
8/2/2010	EPA 200.7	Total Phosphorous via ICP	0.388	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.39	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
9/2/2010	EPA 200.7	Total Phosphorous via ICP	0.066	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.07	mg/l	



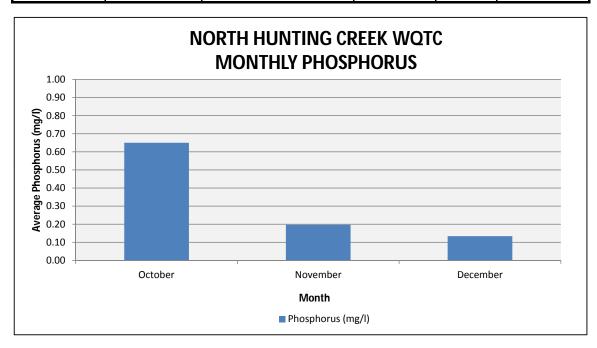
## North Hunting Creek Wastewater Treatment Plant KY0029106 Quarterly Effluent Total Phosphorus Results

## **North Hunting Creek Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
7/1/2010	EPA 200.7	Total Phosphorous via ICP	0.247	mg/l	MSD
7/8/2010	EPA 200.7	Total Phosphorous via ICP	0.588	mg/l	MSD
7/15/2010	EPA 200.7	Total Phosphorous via ICP	0.19	mg/l	MSD
7/22/2010	EPA 200.7	Total Phosphorous via ICP	0.171	mg/l	MSD
7/28/2010	EPA 200.7	Total Phosphorous via ICP	0.65	mg/l	MSD

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
8/2/2010	EPA 200.7	Total Phosphorous via ICP	0.127	mg/l	MSD
8/9/2010	EPA 200.7	Total Phosphorous via ICP	0.211	mg/l	MSD
8/18/2010	EPA 200.7	Total Phosphorous via ICP	0.246	mg/l	MSD
8/23/2010	EPA 200.7	Total Phosphorous via ICP	0.203	mg/l	MSD
		Monthly Average	0.20	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
9/2/2010	EPA 200.7	Total Phosphorous via ICP	0.404	mg/l	MSD
9/8/2010	EPA 200.7	Total Phosphorous via ICP	0.345	mg/l	MSD
9/15/2010	EPA 200.7	Total Phosphorous via ICP	0.147	mg/l	MSD
9/22/2010	EPA 200.7	Total Phosphorous via ICP	0.307	mg/l	MSD
9/29/2010	EPA 200.7	Total Phosphorous via ICP	0.134	mg/l	MSD
		Monthly Average	0.27	mg/l	



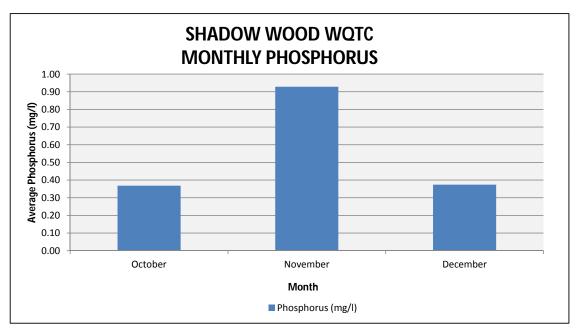
# Shadow Wood Wastewater Treatment Plant KY0031810 Quarterly Effluent Total Phosphorus Results

## **Shadow Wood Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
7/1/2010	EPA 200.7	Total Phosphorous via ICP	0.556	mg/l	MSD
7/8/2010	EPA 200.7	Total Phosphorous via ICP	0.525	mg/l	MSD
7/15/2010	EPA 200.7	Total Phosphorous via ICP	2.22	mg/l	MSD
7/22/2010	EPA 200.7	Total Phosphorous via ICP	0.637	mg/l	MSD
7/28/2010	EPA 200.7	Total Phosphorous via ICP	0.37	mg/l	MSD

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
8/2/2010	EPA 200.7	Total Phosphorous via ICP	1.33	mg/l	MSD
8/9/2010	EPA 200.7	Total Phosphorous via ICP	0.82	mg/l	MSD
8/18/2010	EPA 200.7	Total Phosphorous via ICP	0.729	mg/l	MSD
8/23/2010	EPA 200.7	Total Phosphorous via ICP	0.835	mg/l	MSD
		Monthly Average	0.93	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
9/2/2010	EPA 200.7	Total Phosphorous via ICP	0.687	mg/l	MSD
9/8/2010	EPA 200.7	Total Phosphorous via ICP	0.873	mg/l	MSD
9/15/2010	EPA 200.7	Total Phosphorous via ICP	1.03	mg/l	MSD
9/21/2010	EPA 200.7	Total Phosphorous via ICP	0.506	mg/l	MSD
9/22/2010	EPA 200.7	Total Phosphorous via ICP	0.502	mg/l	MSD
4045	0 EPA 200.7	Total Phosphorous via ICP	0.37	mg/l	MSD



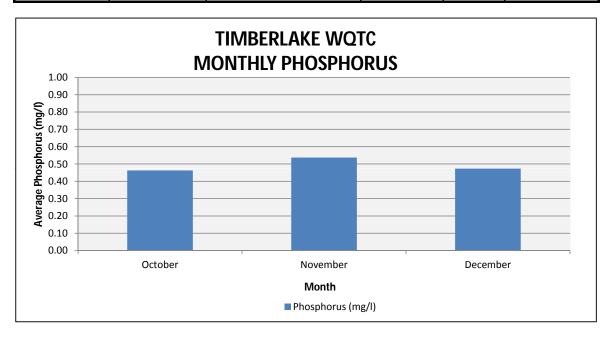
## Timberlake Wastewater Treatment Plant KY0043087 Quarterly Effluent Total Phosphorus Results

**Timberlake WQTC Phosphorus Readings** 

		0			
SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
7/1/2010	EPA 200.7	Total Phosphorous via ICP	0.389	mg/l	MSD
7/8/2010	EPA 200.7	Total Phosphorous via ICP	0.522	mg/l	MSD
7/15/2010	EPA 200.7	Total Phosphorous via ICP	0.385	mg/l	MSD
7/22/2010	EPA 200.7	Total Phosphorous via ICP	0.5	mg/l	MSD
7/29/2010	EPA 200.7	Total Phosphorous via ICP	0.46	mg/l	MSD

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
8/2/2010	EPA 200.7	Total Phosphorous via ICP	0.555	mg/l	MSD
8/9/2010	EPA 200.7	Total Phosphorous via ICP	0.591	mg/l	MSD
8/18/2010	EPA 200.7	Total Phosphorous via ICP	0.466	mg/l	MSD
8/23/2010	EPA 200.7	Total Phosphorous via ICP	0.535	mg/l	MSD
		Monthly Average	0.54	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
9/2/2010	EPA 200.7	Total Phosphorous via ICP	0.391	mg/l	MSD
9/8/2010	EPA 200.7	Total Phosphorous via ICP	0.568	mg/l	MSD
9/15/2010	EPA 200.7	Total Phosphorous via ICP	0.458	mg/l	MSD
9/22/2010	EPA 200.7	Total Phosphorous via ICP	0.542	mg/l	MSD
9/29/2010	EPA 200.7	Total Phosphorous via ICP	0.407	mg/l	MSD
		Monthly Average	0.47	mg/l	



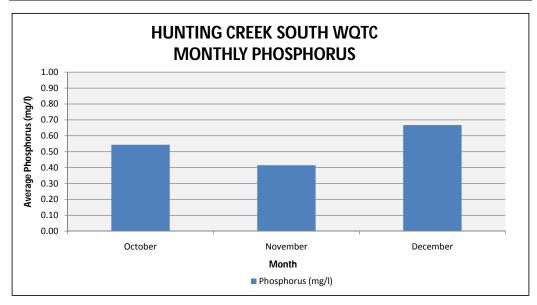
## Hunting Creek South Wastewater Treatment Plant KY0029114 Quarterly Effluent Total Phosphorus Results

## **Hunting Creek South Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
10/3/2010	EPA 200.7	Total Phosphorous via ICP	0.988	mg/l	MSD
10/6/2010	EPA 200.7	Total Phosphorous via ICP	0.359	mg/l	MSD
10/10/2010	EPA 200.7	Total Phosphorous via ICP	0.997	mg/l	MSD
10/17/2010	EPA 200.7	Total Phosphorous via ICP	0.172	mg/l	MSD
10/26/2010	EPA 200.7	Total Phosphorous via ICP	0.201	mg/l	MSD
		Monthly Average	0.54	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
11/1/2010	EPA 200.7	Total Phosphorous via ICP	0.324	mg/l	MSD
11/8/2010	EPA 200.7	Total Phosphorous via ICP	0.402	mg/l	MSD
11/15/2010	EPA 200.7	Total Phosphorous via ICP	0.508	mg/l	MSD
11/22/2010	EPA 200.7	Total Phosphorous via ICP	0.424	mg/l	MSD
		Monthly Average	0.41	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
12/1/2010	EPA 200.7	Total Phosphorous via ICP	0.715	mg/l	MSD
12/8/2010	EPA 200.7	Total Phosphorous via ICP	0.572	mg/l	MSD
12/19/2010	EPA 200.7	Total Phosphorous via ICP	1.230	mg/l	MSD
12/21/2010	EPA 200.7	Total Phosphorous via ICP	1.580	mg/l	MSD
12/27/2010	EPA 200.7	Total Phosphorous via ICP	0.203	mg/l	MSD
12/28/2010	EPA 200.7	Total Phosphorous via ICP	0.462	mg/l	MSD
12/29/2010	EPA 200.7	Total Phosphorous via ICP	0.393	mg/l	MSD
12/30/2010	EPA 200.7	Total Phosphorous via ICP	0.184	mg/l	MSD
		Monthly Average	0.67	mg/l	



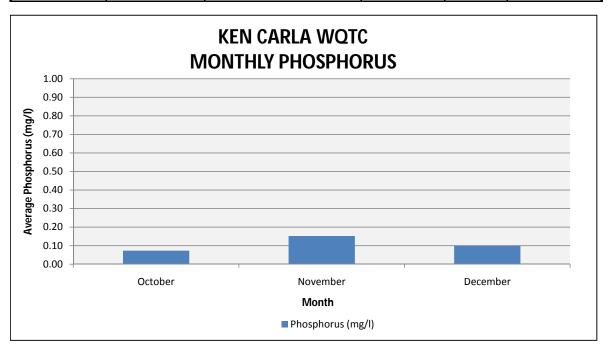
## Ken Carla Wastewater Treatment Plant KY0022497 Quarterly Effluent Total Phosphorus Results

## Ken Carla Phosphorus Readings

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
10/4/2010	EPA 200.7	Total Phosphorous via ICP	0.073	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.07	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
11/3/2010	EPA 200.7	Total Phosphorous via ICP	0.152	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.15	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
12/8/2010	EPA 200.7	Total Phosphorous via ICP	0.100	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.10	mg/l	



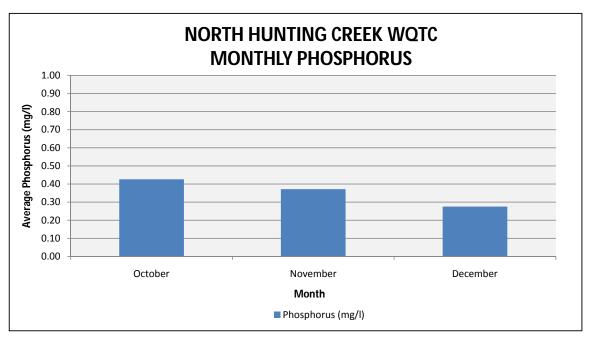
## North Hunting Creek Wastewater Treatment Plant KY0029106 Quarterly Effluent Total Phosphorus Results

## **North Hunting Creek Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
10/3/2010	EPA 200.7	Total Phosphorous via ICP	0.675	mg/l	MSD
10/10/2010	EPA 200.7	Total Phosphorous via ICP	0.229	mg/l	MSD
10/17/2010	EPA 200.7	Total Phosphorous via ICP	0.497	mg/l	MSD
10/26/2010	EPA 200.7	Total Phosphorous via ICP	0.303	mg/l	MSD
		Monthly Average	0.43	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
11/1/2010	EPA 200.7	Total Phosphorous via ICP	0.249	mg/l	MSD
11/8/2010	EPA 200.7	Total Phosphorous via ICP	0.501	mg/l	MSD
11/15/2010	EPA 200.7	Total Phosphorous via ICP	0.5	mg/l	MSD
11/22/2010	EPA 200.7	Total Phosphorous via ICP	0.237	mg/l	MSD
		Monthly Average	0.37	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
12/1/2010	EPA 200.7	Total Phosphorous via ICP	0.258	mg/l	MSD
12/8/2010	EPA 200.7	Total Phosphorous via ICP	0.308	mg/l	MSD
12/19/2010	EPA 200.7	Total Phosphorous via ICP	0.342	mg/l	MSD
12/21/2010	EPA 200.7	Total Phosphorous via ICP	0.257	mg/l	MSD
12/27/2010	EPA 200.7	Total Phosphorous via ICP	0.275	mg/l	MSD
		Monthly Average	0.29	mg/l	



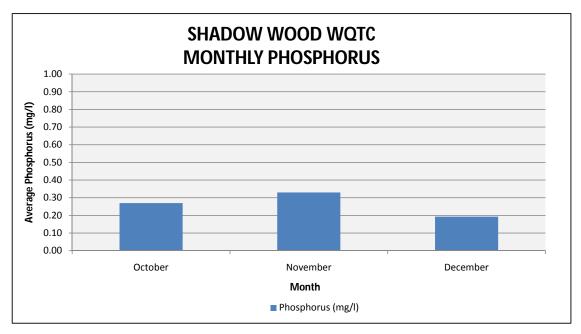
## Shadow Wood Wastewater Treatment Plant KY0031810 Quarterly Effluent Total Phosphorus Results

## **Shadow Wood Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
10/3/2010	EPA 200.7	Total Phosphorous via ICP	0.254	mg/l	MSD
10/10/2010	EPA 200.7	Total Phosphorous via ICP	0.312	mg/l	MSD
10/17/2010	EPA 200.7	Total Phosphorous via ICP	0.155	mg/l	MSD
10/26/2010	EPA 200.7	Total Phosphorous via ICP	0.356	mg/l	MSD
		Monthly Average	0.27	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
11/1/2010	EPA 200.7	Total Phosphorous via ICP	0.278	mg/l	MSD
11/8/2010	EPA 200.7	Total Phosphorous via ICP	0.458	mg/l	MSD
11/15/2010	EPA 200.7	Total Phosphorous via ICP	0.203	mg/l	MSD
11/22/2010	EPA 200.7	Total Phosphorous via ICP	0.378	mg/l	MSD
		Monthly Average	0.33	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
12/1/2010	EPA 200.7	Total Phosphorous via ICP	0.151	mg/l	MSD
12/8/2010	EPA 200.7	Total Phosphorous via ICP	0.232	mg/l	MSD
12/15/2010	EPA 200.7	Total Phosphorous via ICP	0.353	mg/l	MSD
12/21/2010	EPA 200.7	Total Phosphorous via ICP	0.105	mg/l	MSD
12/27/2010	EPA 200.7	Total Phosphorous via ICP	0.123	mg/l	MSD
		Monthly Average	0.19	mg/l	



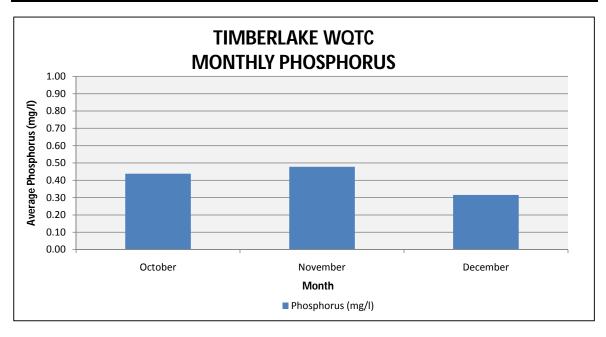
## Timberlake Wastewater Treatment Plant KY0043087 Quarterly Effluent Total Phosphorus Results

**Timberlake WQTC Phosphorus Readings** 

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
10/3/2010	EPA 200.7	Total Phosphorous via ICP	0.599	mg/l	MSD
10/10/2010	EPA 200.7	Total Phosphorous via ICP	0.432	mg/l	MSD
10/17/2010	EPA 200.7	Total Phosphorous via ICP	0.36	mg/l	MSD
10/26/2010	EPA 200.7	Total Phosphorous via ICP	0.362	mg/l	MSD
		Monthly Average	0.44	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
11/1/2010	EPA 200.7	Total Phosphorous via ICP	0.328	mg/l	MSD
11/8/2010	EPA 200.7	Total Phosphorous via ICP	0.328	mg/l	MSD
11/15/2010	EPA 200.7	Total Phosphorous via ICP	0.549	mg/l	MSD
11/22/2010	EPA 200.7	Total Phosphorous via ICP	0.708	mg/l	MSD
		Monthly Average	0.48	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
12/1/2010	EPA 200.7	Total Phosphorous via ICP	0.383	mg/l	MSD
12/8/2010	EPA 200.7	Total Phosphorous via ICP	0.244	mg/l	MSD
12/15/2010	EPA 200.7	Total Phosphorous via ICP	0.34	mg/l	MSD
12/21/2010	EPA 200.7	Total Phosphorous via ICP	0.307	mg/l	MSD
12/27/2010	EPA 200.7	Total Phosphorous via ICP	0.305	mg/l	MSD
		Monthly Average	0.32	mg/l	



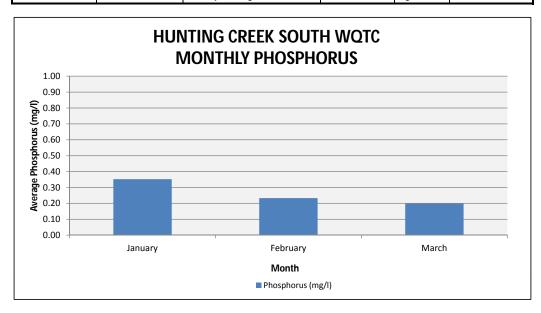
## Hunting Creek South Wastewater Treatment Plant KY0029114 Quarterly Effluent Total Phosphorus Results

## **Hunting Creek South Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
1/3/2011	EPA 200.7	Total Phosphorous via ICP	0.276	mg/l	MSD
1/10/2011	EPA 200.7	Total Phosphorous via ICP	0.265	mg/l	MSD
1/19/2011	EPA 200.7	Total Phosphorous via ICP	0.330	mg/l	MSD
1/24/2011	EPA 200.7	Total Phosphorous via ICP	0.538	mg/l	MSD
		Monthly Average	0.35	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
2/2/2011	EPA 200.7	Total Phosphorous via ICP	0.109	mg/l	MSD
2/9/2011	EPA 200.7	Total Phosphorous via ICP	0.178	mg/l	MSD
2/16/2011	EPA 200.7	Total Phosphorous via ICP	0.428	mg/l	MSD
2/23/2011	EPA 200.7	Total Phosphorous via ICP	0.217	mg/l	MSD
		Monthly Average	0.23	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
3/2/2011	EPA 200.7	Total Phosphorous via ICP	0.151	mg/l	MSD
3/23/2011	EPA 200.7	Total Phosphorous via ICP	0.253	mg/l	MSD
3/30/2011	EPA 200.7	Total Phosphorous via ICP	0.193	mg/l	MSD
		Monthly Average	0.20	mg/l	



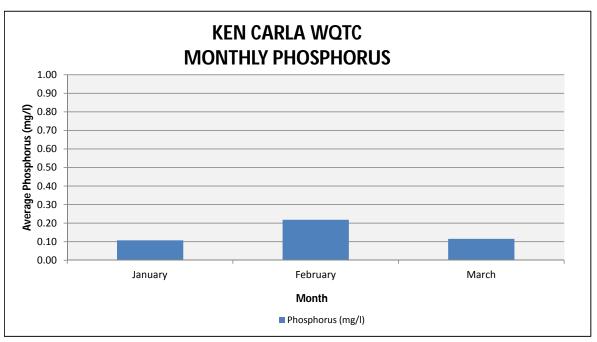
## Ken Carla Wastewater Treatment Plant KY0022497 Quarterly Effluent Total Phosphorus Results

## Ken Carla Phosphorus Readings

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
1/3/2011	EPA 200.7	Total Phosphorous via ICP	0.107	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.11	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
2/2/2011	EPA 200.7	Total Phosphorous via ICP	0.218	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.22	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
3/2/2011	EPA 200.7	Total Phosphorous via ICP	0.115	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.12	mg/l	



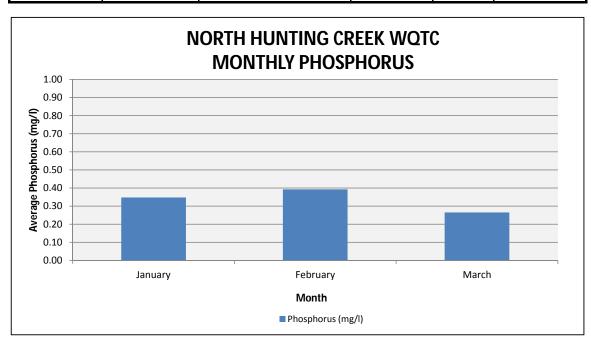
## North Hunting Creek Wastewater Treatment Plant KY0029106 Quarterly Effluent Total Phosphorus Results

## **North Hunting Creek Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
1/3/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
1/10/2011	EPA 200.7	Total Phosphorous via ICP	0.243	mg/l	MSD
1/18/2011	EPA 200.7	Total Phosphorous via ICP	0.363	mg/l	MSD
1/24/2011	EPA 200.7	Total Phosphorous via ICP	0.685	mg/l	MSD
		Monthly Average	0.35	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
2/2/2011	EPA 200.7	Total Phosphorous via ICP	0.346	mg/l	MSD
2/9/2011	EPA 200.7	Total Phosphorous via ICP	0.634	mg/l	MSD
2/16/2011	EPA 200.7	Total Phosphorous via ICP	0.304	mg/l	MSD
2/23/2011	EPA 200.7	Total Phosphorous via ICP	0.287	mg/l	MSD
		Monthly Average	0.39	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
3/2/2011	EPA 200.7	Total Phosphorous via ICP	0.227	mg/l	MSD
3/11/2011	EPA 200.7	Total Phosphorous via ICP	0.243	mg/l	MSD
3/16/2011	EPA 200.7	Total Phosphorous via ICP	0.323	mg/l	MSD
3/23/2011	EPA 200.7	Total Phosphorous via ICP	0.259	mg/l	MSD
3/30/2011	EPA 200.7	Total Phosphorous via ICP	0.272	mg/l	MSD
		Monthly Average	0.26	mg/l	



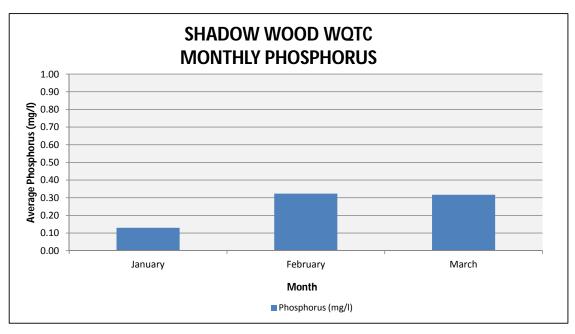
# Shadow Wood Wastewater Treatment Plant KY0031810 Quarterly Effluent Total Phosphorus Results

## **Shadow Wood Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
1/3/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
1/10/2011	EPA 200.7	Total Phosphorous via ICP	0.151	mg/l	MSD
1/18/2011	EPA 200.7	Total Phosphorous via ICP	0.153	mg/l	MSD
1/24/2011	EPA 200.7	Total Phosphorous via ICP	0.115	mg/l	MSD
		Monthly Average	0.13	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
2/2/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
2/9/2011	EPA 200.7	Total Phosphorous via ICP	0.866	mg/l	MSD
2/16/2011	EPA 200.7	Total Phosphorous via ICP	0.226	mg/l	MSD
2/23/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
		Monthly Average	0.32	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
3/2/2011	EPA 200.7	Total Phosphorous via ICP	0.211	mg/l	MSD
3/11/2011	EPA 200.7	Total Phosphorous via ICP	0.133	mg/l	MSD
3/16/2011	EPA 200.7	Total Phosphorous via ICP	0.661	mg/l	MSD
3/23/2011	EPA 200.7	Total Phosphorous via ICP	0.434	mg/l	MSD
3/30/2011	EPA 200.7	Total Phosphorous via ICP	0.143	mg/l	MSD
		Monthly Average	0.32	mg/l	



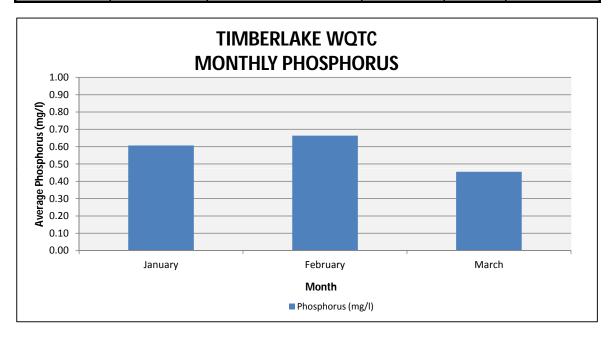
## Timberlake Wastewater Treatment Plant KY0043087 Quarterly Effluent Total Phosphorus Results

**Timberlake WQTC Phosphorus Readings** 

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
1/3/2011	EPA 200.7	Total Phosphorous via ICP	0.325	mg/l	MSD
1/10/2011	EPA 200.7	Total Phosphorous via ICP	0.625	mg/l	MSD
1/18/2011	EPA 200.7	Total Phosphorous via ICP	0.786	mg/l	MSD
1/24/2011	EPA 200.7	Total Phosphorous via ICP	0.69	mg/l	MSD
		Monthly Average	0.61	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
2/2/2011	EPA 200.7	Total Phosphorous via ICP	0.637	mg/l	MSD
2/9/2011	EPA 200.7	Total Phosphorous via ICP	0.447	mg/l	MSD
2/16/2011	EPA 200.7	Total Phosphorous via ICP	0.601	mg/l	MSD
2/23/2011	EPA 200.7	Total Phosphorous via ICP	0.968	mg/l	MSD
		Monthly Average	0.66	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
3/2/2011	EPA 200.7	Total Phosphorous via ICP	0.412	mg/l	MSD
3/23/2011	EPA 200.7	Total Phosphorous via ICP	0.435	mg/l	MSD
3/30/2011	EPA 200.7	Total Phosphorous via ICP	0.517	mg/l	MSD
		Monthly Average	0.45	mg/l	



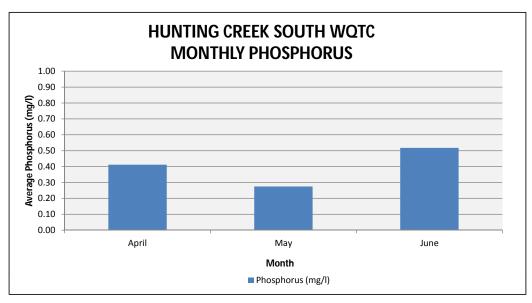
# Hunting Creek South Wastewater Treatment Plant KY0029114 Quarterly Effluent Total Phosphorus Results

#### **Hunting Creek South Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
4/5/2011	EPA 200.7	Total Phosphorous via ICP	0.265	mg/l	MSD
4/19/2011	EPA 200.7	Total Phosphorous via ICP	0.559	mg/l	MSD
		Monthly Average	0.41	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
5/12/2011	EPA 200.7	Total Phosphorous via ICP	0.245	mg/l	MSD
5/16/2011	EPA 200.7	Total Phosphorous via ICP	0.100	mg/l	MSD
5/23/2011	EPA 200.7	Total Phosphorous via ICP	0.479	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.27	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
6/2/2011	EPA 200.7	Total Phosphorous via ICP	0.587	mg/l	MSD
6/9/2011	EPA 200.7	Total Phosphorous via ICP	0.758	mg/l	MSD
6/16/2011	EPA 200.7	Total Phosphorous via ICP	0.359	mg/l	MSD
6/27/2011	EPA 200.7	Total Phosphorous via ICP	0.410	mg/l	MSD
6/29/2011	EPA 200.7	Total Phosphorous via ICP	0.473	mg/l	MSD
		_			
		Monthly Average	0.52	mg/l	



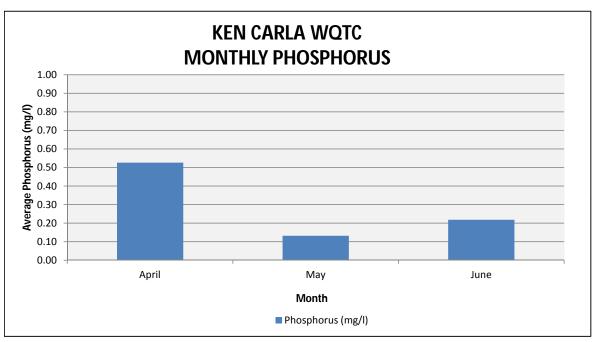
## Ken Carla Wastewater Treatment Plant KY0022497 Quarterly Effluent Total Phosphorus Results

## Ken Carla Phosphorus Readings

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
4/11/2011	EPA 200.7	Total Phosphorous via ICP	0.526	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.53	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
5/9/2011	EPA 200.7	Total Phosphorous via ICP	0.132	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.13	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
6/2/2011	EPA 200.7	Total Phosphorous via ICP	0.218	mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
	EPA 200.7	Total Phosphorous via ICP		mg/l	MSD
		Monthly Average	0.22	mg/l	



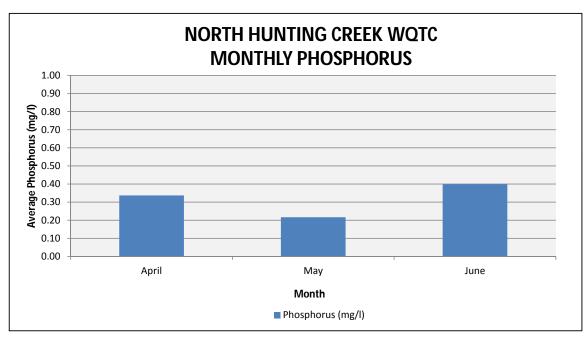
## North Hunting Creek Wastewater Treatment Plant KY0029106 Quarterly Effluent Total Phosphorus Results

## **North Hunting Creek Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
4/5/2011	EPA 200.7	Total Phosphorous via ICP	MSD		
4/11/2011	EPA 200.7	Total Phosphorous via ICP	0.41	mg/l	MSD
4/18/2011	EPA 200.7	Total Phosphorous via ICP 0.5 mg		mg/l	MSD
4/29/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
		Monthly Average	0.34	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER RESULT L		UNIT	LABORATORY
5/5/2011	EPA 200.7	Total Phosphorous via ICP	MSD		
5/9/2011	EPA 200.7	Total Phosphorous via ICP	0.1	mg/l	MSD
5/16/2011	EPA 200.7	Total Phosphorous via ICP	0.354	mg/l	MSD
5/23/2011	EPA 200.7	Total Phosphorous via ICP	0.122	mg/l	MSD
		Monthly Average	0.22	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
6/2/2011	EPA 200.7	Total Phosphorous via ICP	0.555	mg/l	MSD
6/9/2011	EPA 200.7	Total Phosphorous via ICP	0.342	mg/l	MSD
6/16/2011	EPA 200.7	Total Phosphorous via ICP	0.284	mg/l	MSD
6/23/2011	EPA 200.7	Total Phosphorous via ICP 0.444 mg		mg/l	MSD
6/29/2011	EPA 200.7	Total Phosphorous via ICP	0.372	mg/l	MSD
		Monthly Average	0.40	mg/l	



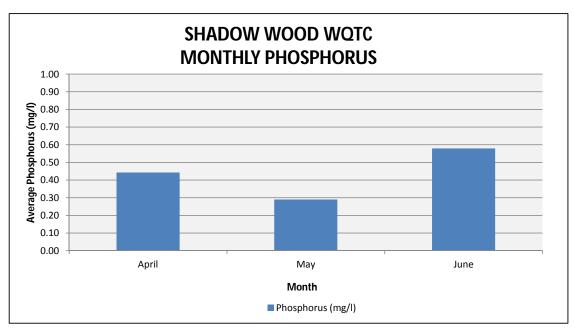
# Shadow Wood Wastewater Treatment Plant KY0031810 Quarterly Effluent Total Phosphorus Results

#### **Shadow Wood Phosphorus Readings**

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
4/5/2011	EPA 200.7	Total Phosphorous via ICP	0.174	mg/l	MSD
4/11/2011	EPA 200.7	Total Phosphorous via ICP	0.548	mg/l	MSD
4/18/2011	EPA 200.7	Total Phosphorous via ICP	0.556	mg/l	MSD
4/25/2011	EPA 200.7	Total Phosphorous via ICP	0.492	mg/l	MSD
		Monthly Average	0.44	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER RESULT U		UNIT	LABORATORY
5/5/2011	EPA 200.7	Total Phosphorous via ICP	mg/l	MSD	
5/9/2011	EPA 200.7	Total Phosphorous via ICP	Il Phosphorous via ICP 0.237 mg/l N		MSD
5/16/2011	EPA 200.7	Total Phosphorous via ICP	0.398	mg/l	MSD
5/23/2011	EPA 200.7	Total Phosphorous via ICP	0.337	mg/l	MSD
		Monthly Average	0.29	mg/l	

SAMPLE DATE	TEST METHOD	PARAMETER RESULT UNIT		UNIT	LABORATORY		
6/2/2011	EPA 200.7	Total Phosphorous via ICP	0.544	mg/l MSD			
6/9/2011	EPA 200.7	Total Phosphorous via ICP 0.905 mg/l		mg/l	MSD		
6/16/2011	EPA 200.7	Total Phosphorous via ICP	0.234	mg/l	MSD		
6/23/2011	EPA 200.7	Total Phosphorous via ICP	0.556	mg/l	MSD		
6/29/2011	EPA 200.7	Total Phosphorous via ICP	0.657	mg/l	MSD		
		Monthly Average	0.58	mg/l			



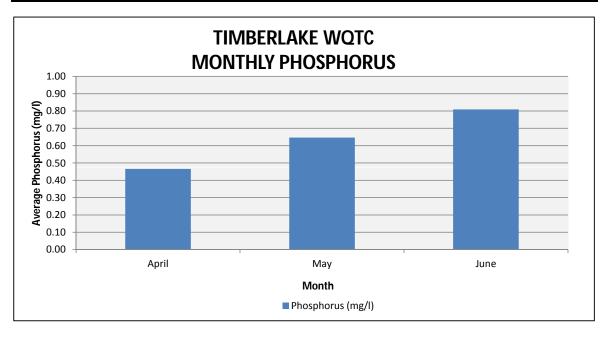
## Timberlake Wastewater Treatment Plant KY0043087 Quarterly Effluent Total Phosphorus Results

**Timberlake WQTC Phosphorus Readings** 

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY		
4/5/2011	EPA 200.7	Total Phosphorous via ICP	0.466	0.466 mg/l MSD			
		Monthly Average	0.47	mg/l			

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY	
5/12/2011	EPA 200.7	Total Phosphorous via ICP	otal Phosphorous via ICP 0.549 mg/l			
5/16/2011	EPA 200.7	Total Phosphorous via ICP	0.683	mg/l	MSD	
5/23/2011	EPA 200.7	Total Phosphorous via ICP	0.709	mg/l	MSD	
		Monthly Average	0.65	mg/l		

SAMPLE DATE	TEST METHOD	PARAMETER	RESULT	UNIT	LABORATORY
6/2/2011	EPA 200.7	Total Phosphorous via ICP	0.704	mg/l	MSD
6/9/2011	EPA 200.7	Total Phosphorous via ICP	0.863	mg/l	MSD
6/16/2011	EPA 200.7	Total Phosphorous via ICP	0.598	mg/l	MSD
6/23/2011	EPA 200.7	Total Phosphorous via ICP	0.773	mg/l	MSD
6/29/2011	EPA 200.7	Total Phosphorous via ICP 1.11 mg		mg/l	MSD
		Monthly Average	0.81	mg/l	





## **APPENDIX H - ORGANIZATIONAL CHART**





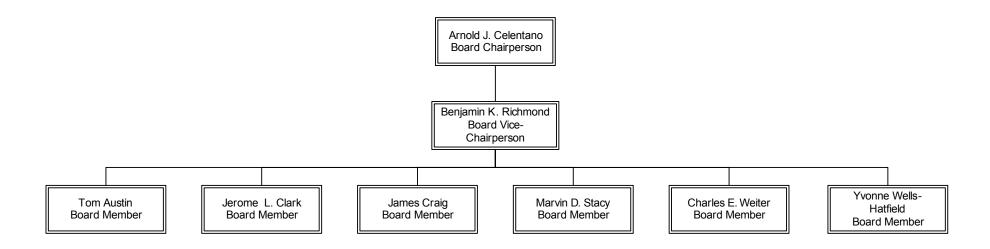
# Louisville and Jefferson County Metropolitan Sewer District

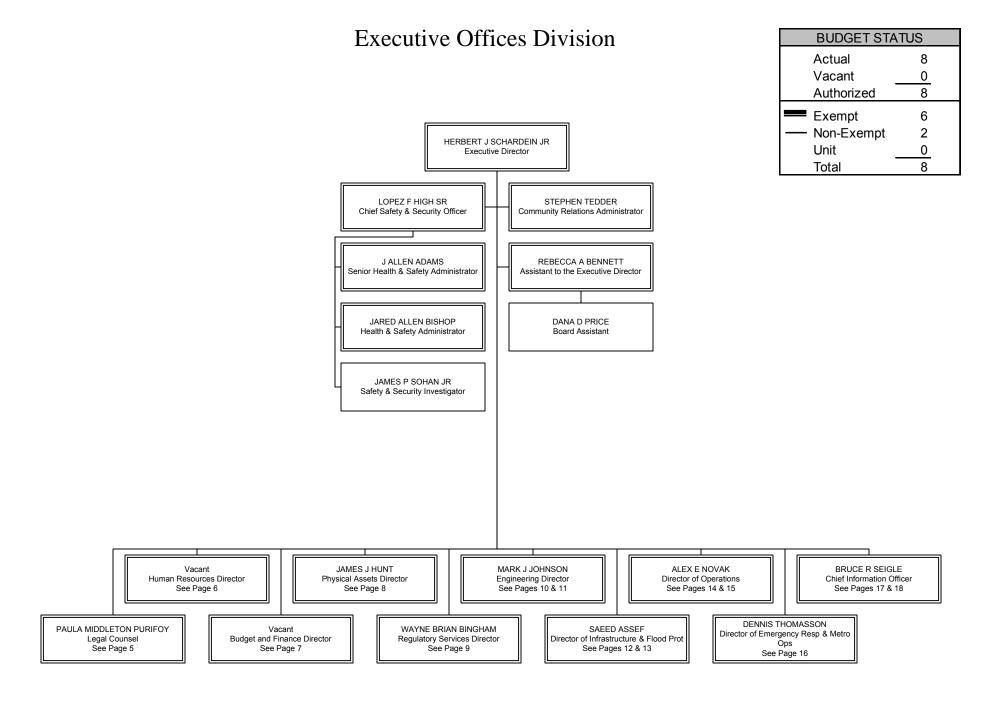
Organizational Chart October 17, 2011

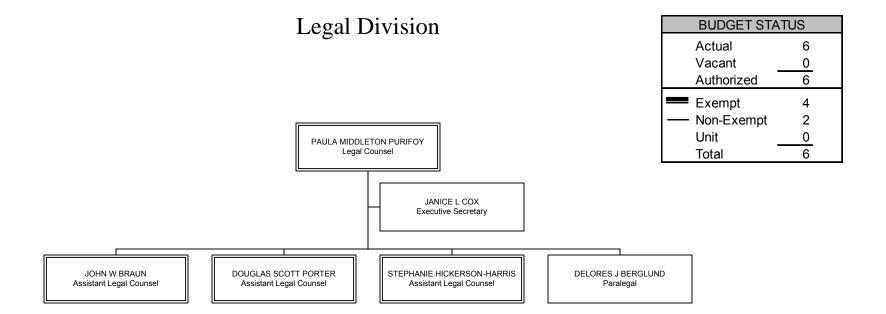
# Organizational Summary

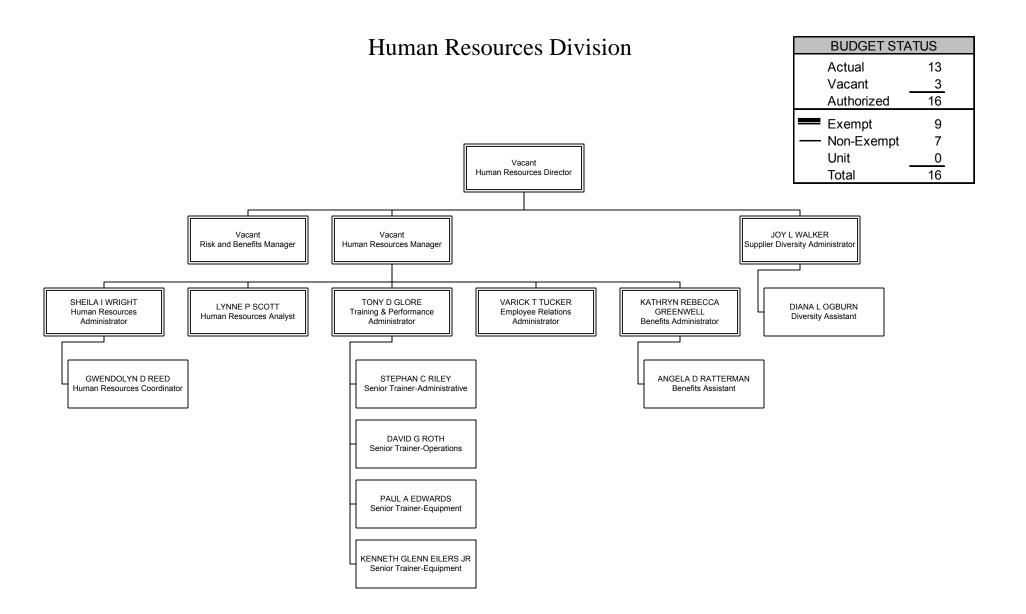
	Authorized	<u>Actual</u>	<u>Vacant</u>	<u>Exempt</u>	Non-Exempt	<u>Unit</u>	<u>Overbudget</u>
Executive Offices Division	8	8	0	6	2	0	0
Legal Division	6	6	0	4	2	0	0
Human Resources Division	16	13	3	9	7	0	0
Finance Division	20	19	1	10	10	0	0
Physical Assets Division	40	38	2	8	14	18	0
Regulatory Services Division	61	56	5	26	35	0	0
Engineering Division							
Development/Plan Review	24	20	4	12	12	0	0
Design/Construction	25.5	25.5	0	17	8.5	0	0
Infrastructure & Flood Protection Division							
Administration & Support Services	69	69	0	13	18	38	0
Sewer/Flood Prot. & Stormwater Drain.	150	149	1	13	3	134	0
Operations Division							
MFWTP Operations	53.5	52.5	1	10	9.5	34	0
MFWTP Maintenance	38	35	3	5	6	27	0
Metro Operations & Maintenance	81	78	3	14	8	59	1
Information Technology Division							
Information Technology	45	44	1	32	13	0	0
Customer Relations	20	20	0	1	19	0	0
DISTRICT TOTAL	657	633	24	180	167	310	1

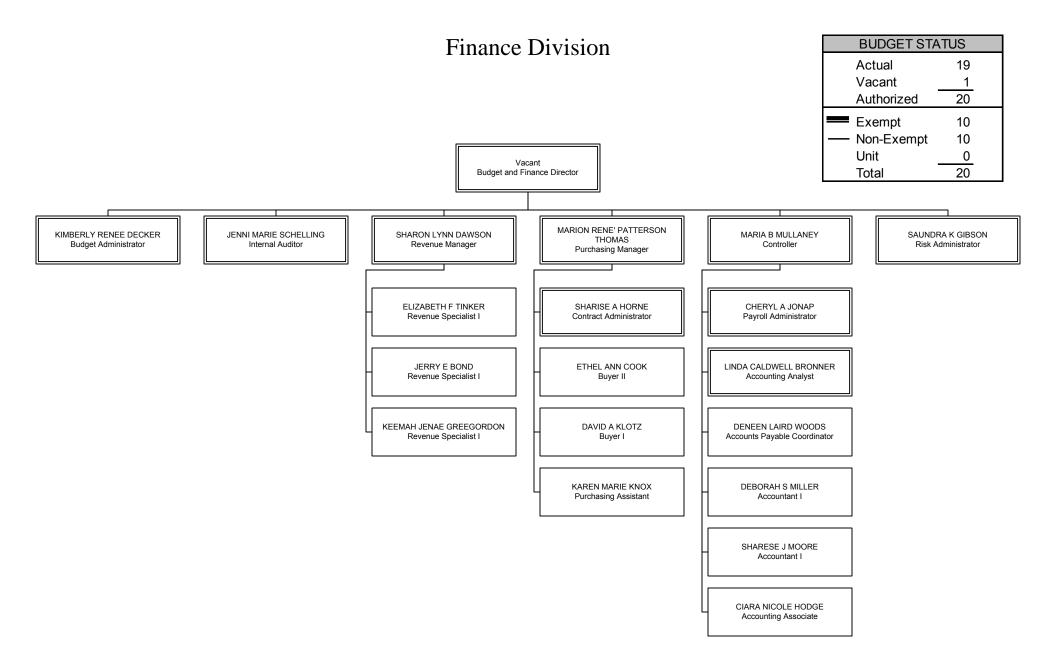
## **Board Members**

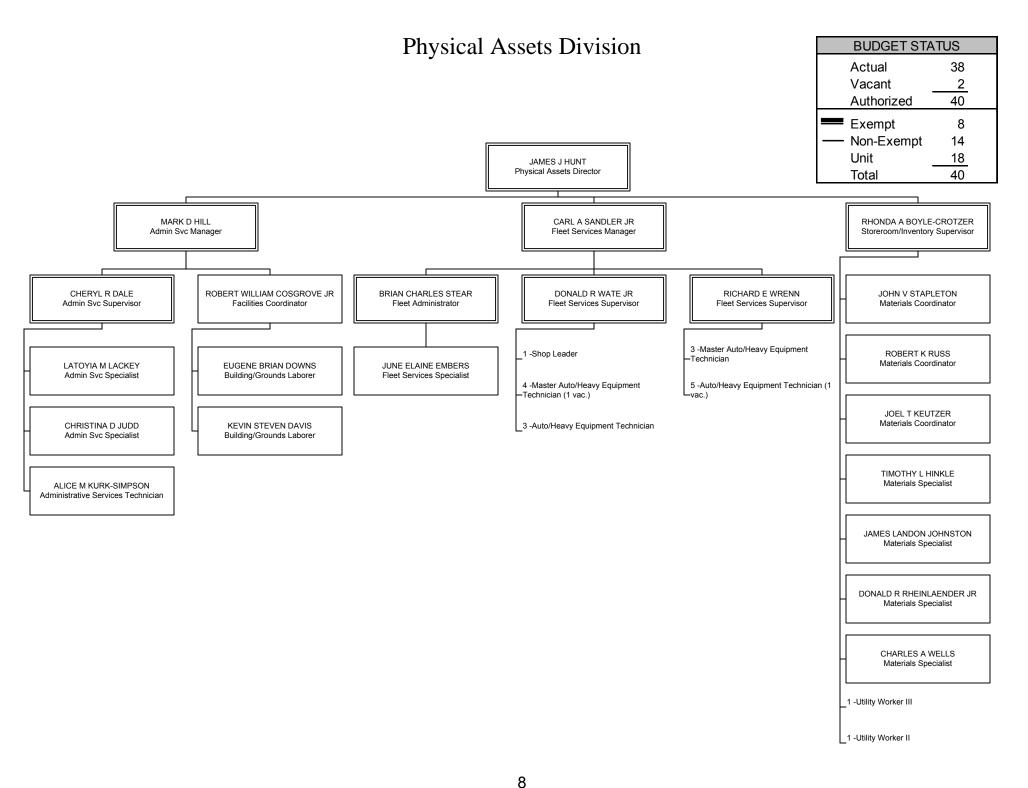


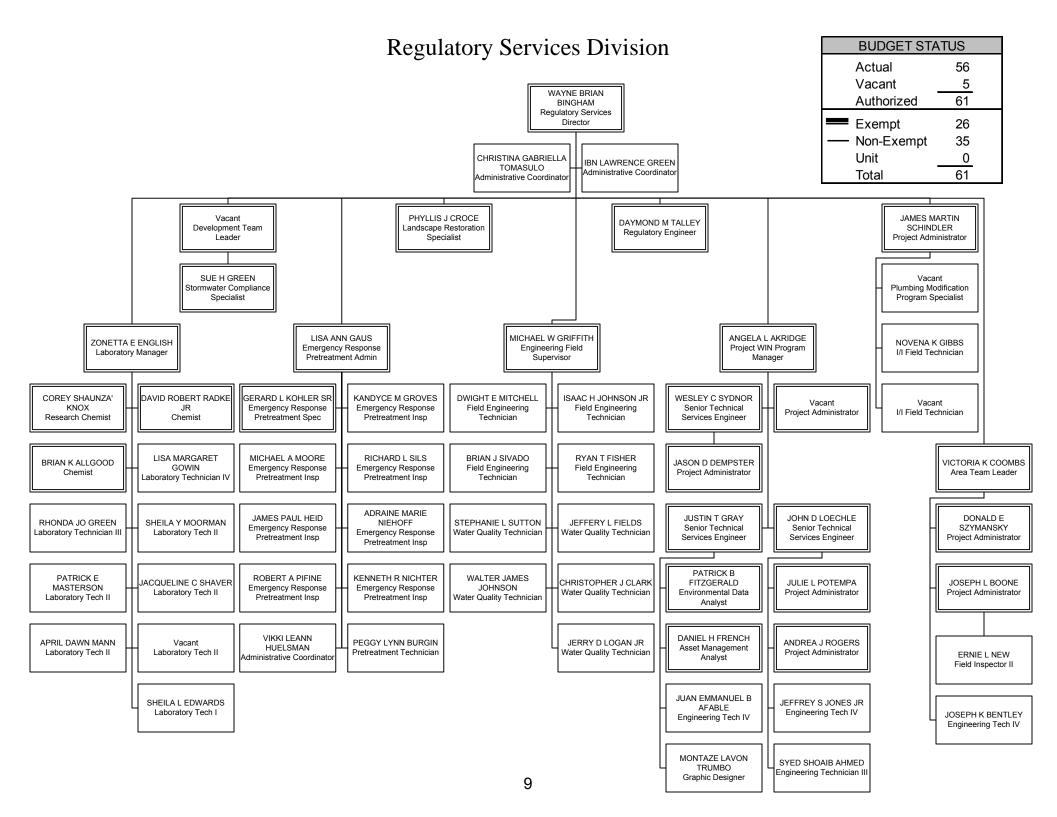


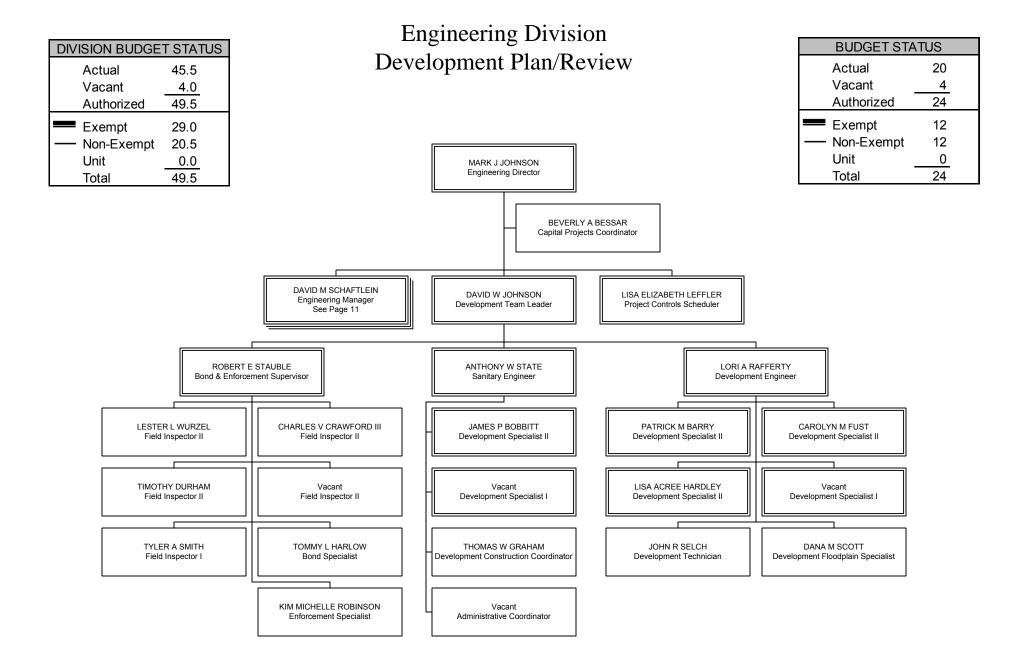


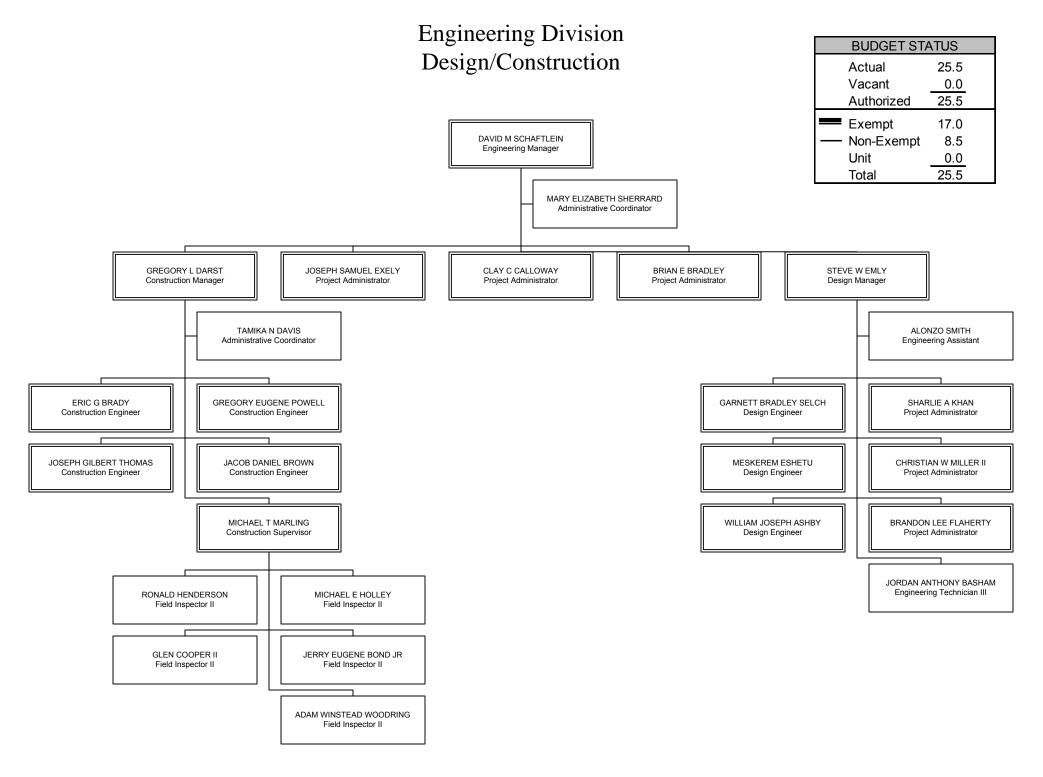












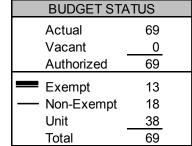
# Actual 218 Vacant 1 Authorized 219 Exempt 26 Non-Exempt 21 Unit 172 Total 219

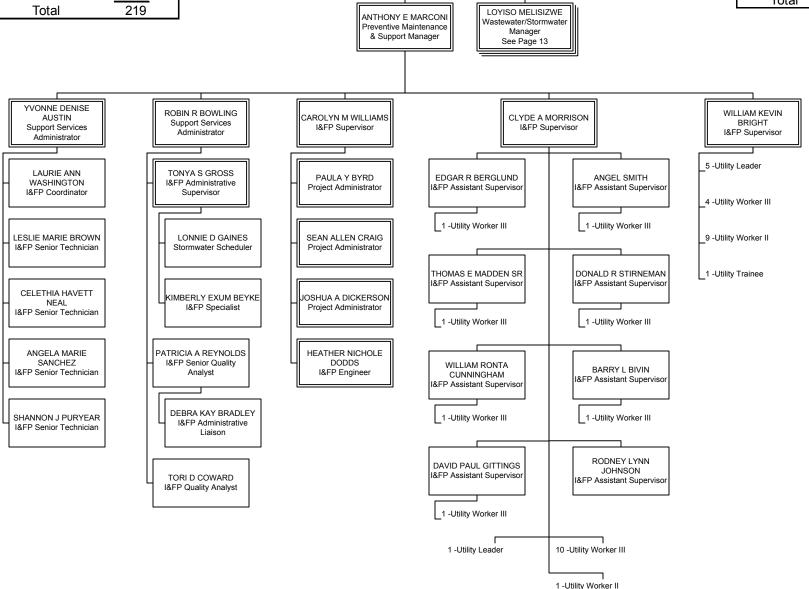
## Infrastructure & Flood Protection Division Administration & Support Services

SAEED ASSEF

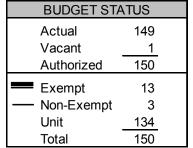
Director of Infrastructure

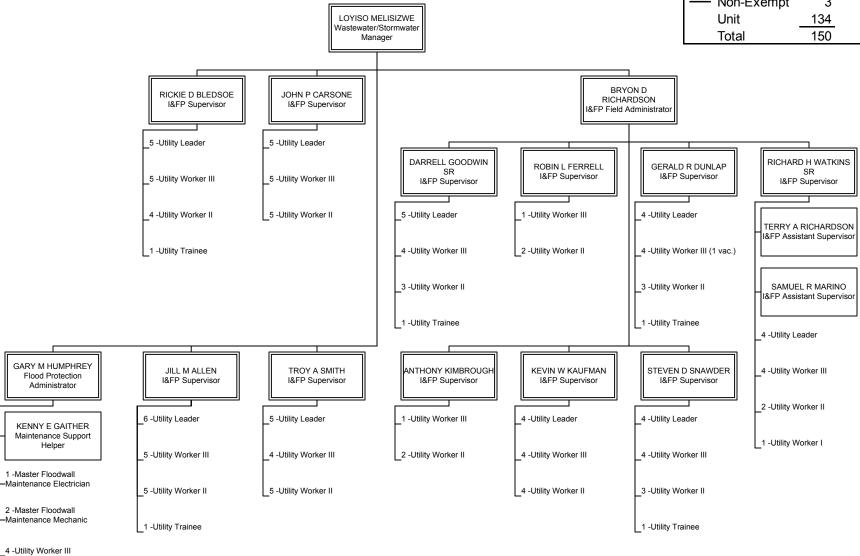
& Flood Prot

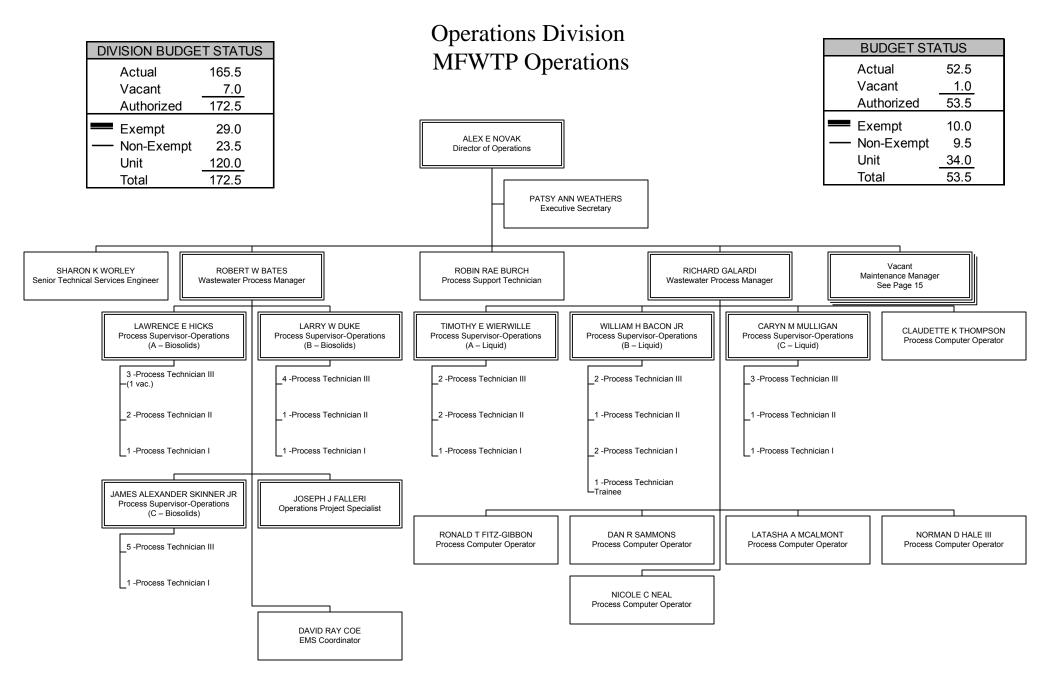


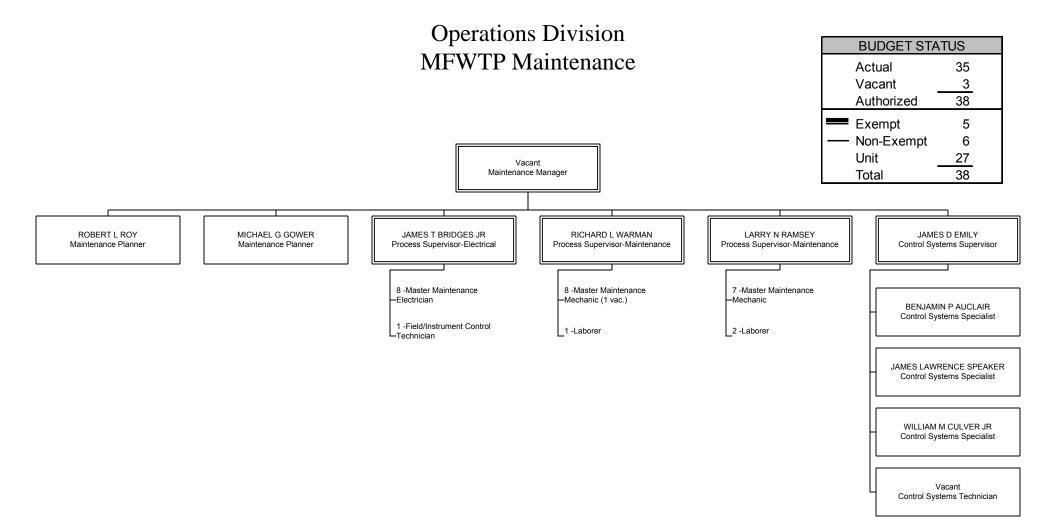


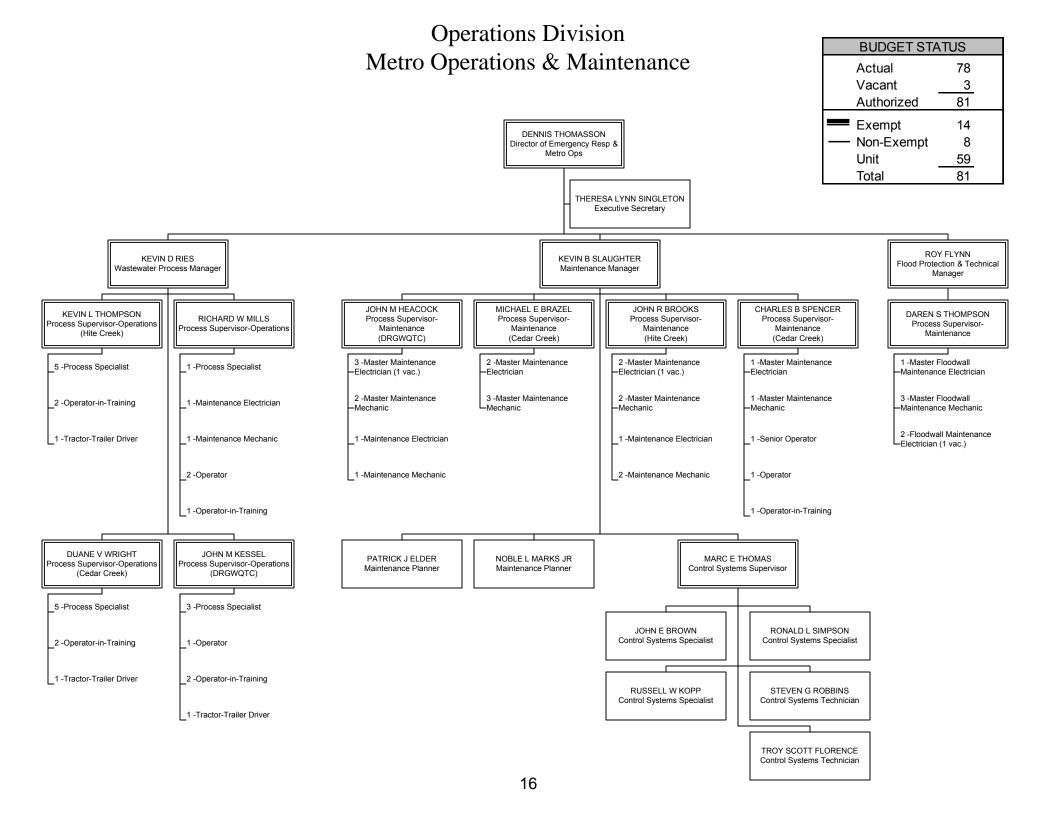
## Infrastructure & Flood Protection Division Sewer/Flood Protection & Stormwater Drainage

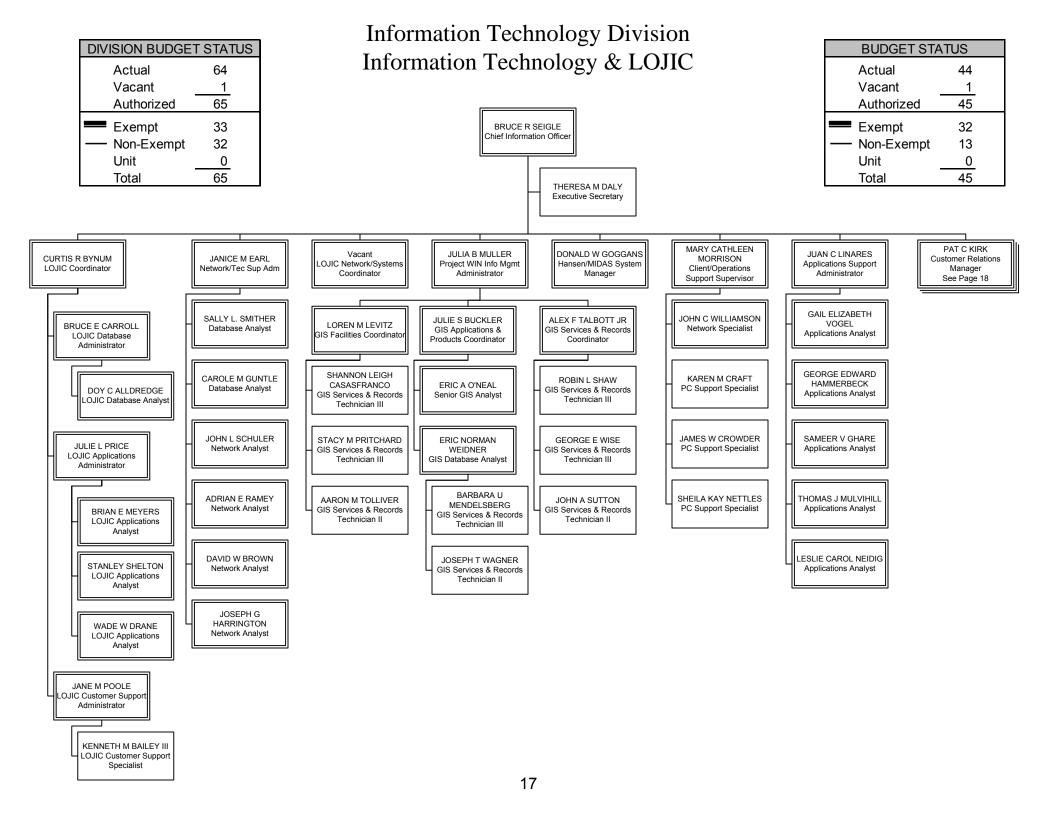




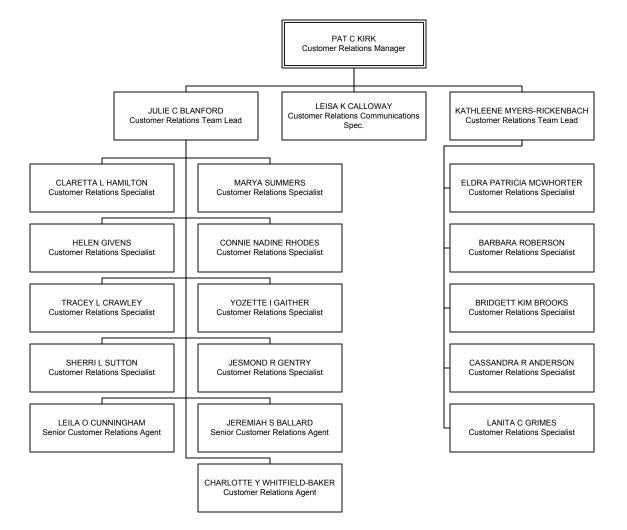








## Information Technology Division Customer Relations



BUDGET STATUS					
Actual	20				
Vacant	0				
Authorized	20				
Exempt	1				
Non-Exempt	19				
Unit	0				
Total	20				

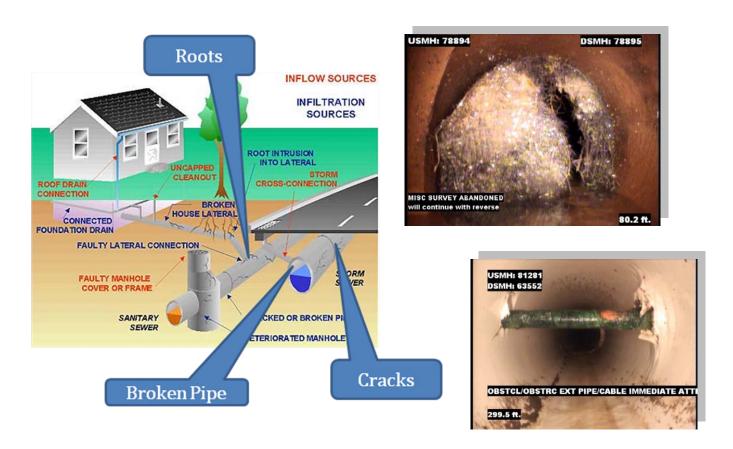


## APPENDIX I - CSSA ANNUAL REPORT





# Continuous Sewer System Assessment & Blockage Abatement Program



## Fiscal Year 2011 Annual Report

Reporting Period of July 1, 2010 through June 30, 2011





#### **Table of Contents**

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#### **Acronyms and Abbreviations**

AAM Advanced Asset Management

BAP Blockage Abatement Program

CCTV Closed-Circuit Television

CMOM Capacity, Management, Operation and Maintenance

CSO Combined Sewer Overflow
CSS Combined Sewer System

CSSA Continuing Sewer System Assessment

DISDW Sewer Discharge during Dry Weather
DISREV Rain Event related Sewer Discharge

GIS Geographical Information System
GLPM Gravity Line Preventive Maintenance

ICA Interceptor Condition Assessment
IOAP Integrated Overflow Abatement Plan

IT Information Technology

IFP Infrastructure and Flood Protection Division

I/I Inflow and Infiltration

LOJIC Louisville Jefferson County Information Consortium







LTCP Long-Term Control Plan

MSD Louisville and Jefferson County Metropolitan Sewer District

NMC Nine Minimum Controls

QA/QC Quality Assurance/Quality Control

PACP Pipeline Assessment Certification Program

PM Preventive Maintenance

PSC Property Service Connection

RS Regulatory Services

SCAP System Capacity Assurance Plan

SMFTVI Sewer Main Formula-based Television Inspection

SOP Standard Operating Procedure
SSDP Sanitary Sewer Discharge Plan
SORP Sewer Overflow Response Plan
SSES Sanitary Sewer Evaluation Study

SSO Sanitary Sewer Overflow

TISCIT Total Integrated Sonar and CCTV Inspection Technology

TM Technical Memorandum

USI Underground Sewers for Inspection (Walkable)



## 1. Program Background

MSD is responsible for the operation and maintenance of the sewer system within the public right-of-way and dedicated easements in Jefferson County, Kentucky, in addition to small areas in several of the surrounding counties. The sanitary sewer collection system includes over 3,200 miles of sewers ranging from 6 inches to 27.5 feet in diameter, built between the late 1800's and present day. The construction materials consist of brick, clay, polyvinyl chloride (PVC), clay pipe, vitrified clay pipe (VCP) and reinforced concrete pipe (RCP). There are over 75,000 combined and sanitary manholes in the system constructed of reinforced concrete and brick materials. MSD also operates and maintains the following assets:

- 66,300 catch basins and yard drains
- 285 sanitary pump stations
- 16 flood pump stations
- 6 regional water quality treatment centers (WQTCs)
- 14 small WQTCs

The Louisville and Jefferson County Metropolitan Sewer District (MSD) is currently conducting an intensive sewer condition evaluation to comply with its federal Consent Decree as well as the Capacity, Management, Operations and Maintenance (CMOM) and Nine Minimum Control (NMC) programs. The Continuous Sewer System Assessment (CSSA) program and Blockage Abatement Program (BAP) addresses certain aspects of Paragraph 24c. "CMOM (Capacity, Management, Operation and Maintenance) Programs Self-Assessment and Paragraph 24a. Nine Minimum Controls (NMC)" from the ACD.

The CSSA and BAP programs require a defined approach to prioritize, perform, and track the inspection, cleaning, rehabilitation, replacement, and maintenance of sewer assets on a consistent and prioritized cycle. The two programs are also intended to achieve compliance with NMC 1 and 2, which require the proper operation, regular maintenance, and maximum use of MSD's combined sewer system.

The CSSA program is an asset management program with the purpose of determining the functional and structural state of MSD's existing sewer assets, both combined and separate, and taking action to maintain or restore sewer capacity. Under this effort, all sewer mains will be inspected based on risk and other programmatic obligations. The inspection data is captured in a standardized format allowing for the comparison of various segment conditions, which facilitates remedial action prioritization.

The BAP, a subsidiary program to the CSSA, encompasses sewer lines identified through the CSSA inspection and data analysis as having recurring maintenance needs due to root blockages, sedimentation, or oil and grease deposits. This program tracks the segments with operational defects, sets up recurring work orders, assigns work to available resources, tracks progress and documents the work performed. In the past, this program has been referred to as the Gravity Line Preventive Maintenance (GLPM) program.



The primary objective of evaluating infrastructure assets is to develop and implement maintenance and rehabilitation recommendations that reduce sewer overflows and improve the capacity, structural integrity and functionality of existing assets. This annual report summarizes the CSSA and BAP accomplishments for Fiscal Year 2011 (July 1, 2010 – June 30, 2011) along with anticipated actions for Fiscal Year 2012. This summary will focus on four specific areas:

- 1. Sewer system inspection and rehabilitation;
- 2. Sewer preventive maintenance (Blockage Abatement Program); and
- 3. Data management.

Sewer infrastructure conditions are being assessed using a variety of desktop and field inspection techniques which include, but are not limited to, closed circuit television (CCTV), smoke testing, dye testing, visual manhole inspection, private property inspection and wet weather inspection.

Once inspection of a study area is complete, inspection data are evaluated through a pipe condition assessment process and appropriate maintenance and rehabilitation actions are taken. The inspection and rehabilitation activities are carried out under MSD's CSSA program, while recurring maintenance activities are addressed by the BAP. The process work flow for the two programs are outlined in the work flow diagram in Figure 1 below.

Previous annual reports for FY08, FY09 and FY10 describe the general programmatic structure in more detail and can be referenced in the Project WIN Annual Reports posted here: <a href="http://www.msdlouky.org/projectwin/docs.htm">http://www.msdlouky.org/projectwin/docs.htm</a> and included as an appendix to the Project WIN Annual Report.



WORK FLOW AND DECISION FRAMEWORK CSSA Inspection **IFP** SSES / ICA **Priority Area** Customer Response Flush Prioritize Capital Rehab Inspect + Generate QC Training With Advanced Asset PACP Codes Data Management On Asset Does Clean Or Repairs + Replacement Have Repair (Joints, Cracks, Defects Or Breaks, I/I) Blockage Yes Yes No Re-Inspect In Emergency Contract 10 yrs Cycle MSD Immediate Action (PACP Flag) Clean or Perform No Yes Repair latory 8er No Blockage Yes, Cyclical Abatement -Mitigation Cleaning Needed Periodic w/Cleaning Partial - Rehab Still Needed (Roots, Grease Cleaning and Sediment)? Cycle No - Rehab Needed = CSSA = Activities = Decision Point = GLPM **CLEAN, GREEN, GROWING COMMUNITY** 

Figure 1 - CSSA and BAP Process Work Flow



## 2. CSSA Program Inspection & Rehabilitation

The following activities were completed during FY11:

- Inspected 593 miles of sanitary sewers in prioritized areas.
- Utilized standard PACP coding protocols and employed a standard QA/QC process to ensure deliverables meet a consistent and acceptable standard.
- Trained nine internal and contract staff on PACP coding and standards, bringing the total number of trained staff and consultants to 35. In addition, a refresher course was held for staff previously certified.
- Consolidated internal and external Closed Circuit Television (CCTV) videos and field inspection photographs and developed plans for storage of the more extensive video library as it grows in the future.
- Developed a plan for integration of videos within eB and the future direct integration with Hansen Version 8, after that migration project is completed.
- Completed sixteen Sanitary Sewer Evaluation Studies (SSES) involving CCTV, manhole inspection, smoke testing and private property inspection. Thirteen of the SSES studies began in FY10 and were completed in the first part of FY11. The remaining three SSES studies began in FY11 and were completed in FY11.
- Performed CCTV inspection on an additional 472 miles of collection system sewers.
- Completed assessments of six inspection areas and generated recommendation packages.
- Utilized the Neztek software to communicate with the Hansen system to facilitate data transfer for PACP TV inspections from the Hansen asset management system to remote inspection software and back.
- Utilized a standard data QA/QC methodology to ensure data consistency.
- Conducted a program meeting with the Sanitary Sewer Evaluation Study (SSES) vendors
  to outline data collection and transfer protocols for the various inspections associated
  with the SSES projects.

MSD developed a 3-pronged approach to gather asset inspection data. Using operational knowledge and various program drivers, MSD staff identified specific areas for in-depth SSES, large interceptors for closed circuit television (CCTV) condition assessment and smaller collection system inspection areas. Inspection of sewers in these areas that began in FY10 were completed. New investigation areas were identified and completed during FY11 (see Figure 2). A map depicting projected inspection areas for FY12 is shown in Figure 3. The areas are marked draft as projections are adjusted throughout the year for various reasons.



FY 2011 - Completed Condition Assessment Areas

FY 2011 - Completed Condition Assessment Areas

Data Source: LOJIC

Figure 2 – FY11 Inspection Areas



Areas Targeted for Condition Assessment for FY2012 ICA Phase 4 Additional ICA - Phase 4 - CSA, CSI, CSW MCA\_Interceptor MillCreek\_Interceptors PCG\_Interceptors SEDD\_Interceptors FY 2012 - Target Areas 603 miles scap areas 20.5 miles Addittional phase 4 - some are remaining lines in FY 11 areas 27 miles ICA 4 Data Source: LOJIC 8/2011

Figure 3 – FY12 Targeted Inspection Areas



### Sanitary Sewer Evaluation Studies (SSES)

Sub-basins were selected for SSES projects to identify the cause of specific sewer overflows, capacity and performance, or Inflow and Infiltration (I/I) problems. Sixteen SSES areas were identified in FY10 and completed in FY11 for a total of 288.5 miles of sewer. Each SSES project included:

- CCTV;
- Manhole Inspections;
- Smoke Testing;
- Private Property Inspections; and
- Wet Weather Inspections.

Specific data exchange protocols were utilized and data is being captured in MSD's Hansen asset management system, once fully approved as a final product. See Table 1 for completed SSES studies

**Table 1- FY11 Completed SSES Studies** 

Project	Linear Feet/ Miles	Number of Manholes	Project Selection Criteria
Camp Taylor	169,483 lf 32.1 mi	661	Integrated Overflow Abatement Plan Project Related
Lea Ann Way East	390,803 lf 74 mi	1892	Lea Ann Way Pump Station Operational Issues and the Integrated Overflow Abatement Plan
Lea Ann Way West	290,028 lf 54.9 mi	1273	Lea Ann Way Pump Station Operational Issues & the Integrated Overflow Abatement Plan
Lantana PS	3655 lf <1 mi	15	Integrated Overflow Abatement Plan Project Related
Prospect	121,816 lf 23 mi	588	Integrated Overflow Abatement Plan Project Related
Meadow Stream	195,054 lf 36.9 mi	952	Integrated Overflow Abatement Plan Project Related
Berrytown	30,563 lf 5.8 mi	147	Integrated Overflow Abatement Plan Project & Planned Plant Elimination

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Project	Linear Feet/ Miles	Number of Manholes	Project Selection Criteria
Lake Forest	118,246 lf 22.4 mi	616	Integrated Overflow Abatement Plan Project & Planned Plant Elimination
Starview PS	12,243 lf 2.3 mi	70	Integrated Overflow Abatement Plan Project & Planned Plant Elimination
Eden Care PS	4,628 lf <1 mi	25	Integrated Overflow Abatement Plan Project Related
Little Cedar Creek	114,577 lf 21 mi	577	Integrated Overflow Abatement Plan Project Related
Edsel PS	28,909 lf 5.5 mi	107	Integrated Overflow Abatement Plan Project Related
Cherokee Park	12,714 lf 2.4 mi	60	Integrated Overflow Abatement Plan Project Related
East Rockford PS	8361 lf 1.6 mi	34	Integrated Overflow Abatement Plan Project Related
Sonne PS	13,076 lf 2.5 mi	56	Integrated Overflow Abatement Plan Project Related
Hazelwood PS	11,461 lf 2.1 mi	60	Integrated Overflow Abatement Plan Project Related
TOTAL FY11	1,525,617 If 342.28 mi	7133	Sanitary Sewer Evaluation Studies

Inspection work for these projects was completed during FY11. All final reports and rehabilitation recommendations for these areas were submitted to MSD during FY11. Table 2 lists projected SSES project for FY12.



**Table 2- FY12 Projected SSES Studies** 

Project	Linear Feet/ Miles	Number of Manholes	Project Selection Criteria
Caven PS	25,780 lf 4.9 mi	122	Integrated Overflow Abatement Plan Project Related
Cedar Creek	173,530 lf 32.9 mi	930	Integrated Overflow Abatement Plan Project Related
Chenoweth Hills	33,878 lf 6.4 mi	181	Integrated Overflow Abatement Plan Project Related
Chenoweth Run	63,698 lf 12.1 mi	365	Integrated Overflow Abatement Plan Project Related
Derington Ct	13,440 lf 2.6 mi	68	Integrated Overflow Abatement Plan Project Related
Parkview Estates	21,608 lf 4.1 mi	91	Integrated Overflow Abatement Plan Project Related
Prospect Phase II	94,700 lf 17.9 mi	475	Integrated Overflow Abatement Plan Project Related
Silver Heights	36,192 lf 6.9 mi	169	Integrated Overflow Abatement Plan Project Related
Shively MCB	205,619 lf 38.9 mi	863	Integrated Overflow Abatement Plan Project Related
Shively MCC	129,364 lf 24.5 mi	601	Integrated Overflow Abatement Plan Project Related
Shively MCE	130,258 lf 24.7 mi	581	Integrated Overflow Abatement Plan Project Related
Shively MCF	176,395 lf 33.4 mi	807	Integrated Overflow Abatement Plan Project Related
Windham	30,214 lf 5.7 mi	134	Integrated Overflow Abatement Plan Project Related
Yorktown	37,733 lf 7.2 mi	165	Integrated Overflow Abatement Plan Project Related
TOTAL FY12 Planned	1172409 If 222.2 mi	5552	Sanitary Sewer Evaluation Studies



### Interceptor Condition Assessments

MSD did not conduct Interceptor Condition Assessments during FY11. Inspection will include CCTV and manhole inspection of 13 areas throughout the service area totaling 40.8 miles of sewer. The interceptors selected for FY12 are listed in Table 3.

**Table 3 – FY12 Projected Interceptor Condition Assessments** 

Interceptor	Linear Feet/ Miles	Number of Manholes	Issues of Concern
Goose Creek Interceptor	21,693 lf 4.1 mi	86	Integrate Overflow Abatement Plan Project Related
Pond Creek / Southern Ditch	30,881 lf 5.9 mi	46	Sewer Capacity Assurance Plan (SCAP) Program Related
Broadway Interceptor	15,141 lf 2.9 mi	66	Nine Minimum Control 1 & 2 Related
Northwestern Interceptor	13,424 lf 2.5 mi	33	Nine Minimum Control 1 & 2 Related
ORI Ohio River interceptor PH 2	21,097 lf 4.05 mi	24	Nine Minimum Control 1 & 2 Related
Western Outfall	14,586 lf 2.8 mi	42	Nine Minimum Control 1 & 2 Related
Western Interceptor	5,552 lf 1.1 mi	12	Nine Minimum Control 1 & 2 Related
Shively Creek Interceptor	10,307 lf 1.9 mi	20	Sewer Capacity Assurance Plan (SCAP) Program Related
Cedar Creek Interceptor	19,539 lf 3.7 mi	68	Sewer Capacity Assurance Plan (SCAP) Program Related
MCA SCAP Basin Interceptor's	17,499 lf 3.3 mi	68	Sewer Capacity Assurance Plan (SCAP) Program Related
Mill Creek Interceptor	36,554 lf 6.9 mi	56	Sewer Capacity Assurance Plan (SCAP) Program Related
Northern Ditch Interceptor	4,126 lf 0.8 mi	9	Integrate Overflow Abatement Plan Project Related
Beargrass Interceptor	4,760 lf 0.9 mi	22	Integrate Overflow Abatement Plan Project Related
TOTAL FY12 Planned	215,159 lf 40.85 mi	552	Interceptor Condition Assessments



#### Collection System Sewer Assessments

During FY11, the Infrastructure and Flood Protection Division (IFP) reorganized some of its internal resources and renewed a multi-year contract for CCTV support to supplement internal Continuing Sanitary System Assessment services. Internal crews primarily focus on CCTV in 6" – 18" collector lines in sub-basin areas, while contracted services inspect lines up to 48" in diameter. No manhole inspections were accomplished as a part of this work.

In FY10, IFP acquired new CCTV trucks and Flexidata software to improve response and performance to this aspect of their mission. During FY11, the full implementation of these trucks and software were completed and an additional TV truck and crew were added. In FY12, MSD is planning to add an off-shift crew to provide additional resources in the department.

Three trucks are now primarily dedicated to CSSA CCTV work, with the remaining 4 trucks dedicated to customer request response and maintenance crew support. In addition, each CSSA CCTV truck is now coupled with a dedicated flusher or vactor truck, so that cleaning is a more timely and responsive aspect of their condition assessment activities.

Sub-basins that were completed or nearing completion, as a part of the Collection System Sewer Assessment are listed in Table 4.

**Table 4 – FY11 Completed Collection System Assessment Areas** 

Sub-Basin	Linear Feet/Miles	Internal/Contracted
SEDB Southeast Diversion	124,175 lf/ 23.5 mi	Internal
SEDD Southeast Diversion	148,351 lf/ 28.1 mi	Internal
JTB Jeffersontown	16,462 lf/ 3.1 mi	Internal
JTD Jeffersontown	35,418 lf/ 6.7 mi	Internal
JTF Jeffersontown	66,926 lf/ 12.7 mi	Internal
JTG Jeffersontown	17,950 lf/ 3.4 mi	Internal
JTH Jeffersontown	33,586 lf/ 6.4 mi	Internal
JTJ Jeffersontown	36,876 lf/ 7 mi	Internal
MCA Mill Creek	158,940 lf/ 30.1 mi	Internal
ORFME Ohio River FM	94,700 lf/ 17.9 mi	Contracted
ORFML Ohio River FM	128,425 lf/ 24.3 mi	Contracted
ORFMC Ohio River FM	122,920 lf/ 23.3 mi	Contracted
ORFMD Ohio River FM	143,619 lf/ 27.2 mi	Contracted
MFA Middle Fork	80,561 lf/ 15.3 mi	Contracted
MFC Middle Fork	115,247 lf/ 21.8 mi	Contracted
MFD Middle Fork	103,977 lf/ 19.7 mi	Contracted

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Sub-Basin	Linear Feet/Miles	Internal/Contracted
CSA Combined Area	151,832 lf/ 28.8 mi	Contracted
CSI Combined Area	113,651 lf/ 21.5 mi	Contracted
CSW Combined Area	33,995 lf/ 6.4 mi	Contracted
NDD Northern Ditch	136,869 lf/ 25.9 mi	Contracted
JTI Jeffersontown	63,698 lf/ 12.1 mi	Contracted
CCA Cedar Creek	173,832 lf/ 32.9 mi	Contracted
PCC Pond Creek	112,334 lf/ 21.3 mi	Contracted
PCD Pond Creek	115,108 lf/ 22.1 mi	Contracted
PCG Pond Creek	37,733 lf/ 7.2 mi	Contracted
PCW Pond Creek	36,913 lf/ 7.0 mi	Contracted
Total Internal	638,684 lf/ 121 mi	Internal
Total Contracted	1,765,414 lf/ 334.7 mi	Contracted
TOTAL FY11 Comleted	2,404,098 lf/ 455.7 mi	Internal/Contracted

Table 5 – FY12 Projected Collection System Assessment Areas

Sub-Basin	Linear Feet/Miles	Internal/Contracted
JTA Jeffersontown	81,280 lf/ 15.4 mi	Internal
JTC Jeffersontown	80,613 lf/ 15.3 mi	Internal
JTE Jeffersontown	98,153 lf/ 18.6 mi	Internal
JTK Jeffersontown	35,189 lf/ 6.7 mi	Internal
MCD Mill Creek	177,738 lf/ 33.7 mi	Internal
MFK Middle Fork	143,737 lf/ 27.2 mi	Internal
NDB Northeast Diversion	142,558 lf/ 26.9 mi	Internal
NDC Northeast Diversion	130,911 lf/ 24.8 mi	Internal
FFG Floyds Fork	41,177 lf/ 7.8 mi	Internal
CSE Combined Area	173,714 lf/ 32.9 mi	Contracted
CSG Combined Area	145,707 lf/ 27.6 mi	Contracted
MFG Middle Fork	182,589 lf/ 34.6 mi	Contracted
CSC Combined Area	165,737 lf/ 31.4 mi	Contracted
CSH Combined Area	220,402 lf/ 41.7 mi	Contracted
CSU Combined Area	306,064 lf/ 58 mi	Contracted



Sub-Basin	Linear Feet/Miles	Internal/Contracted	
PCA Pond Creek	152,574 lf/ 28.9 mi	Contracted	
PCE Pond Creek	83,095 lf/ 15.7 mi	Contracted	
Total Internal	931,356 lf/ 176.4 mi	Internal	
Total Contracted	1,429,882 lf/ 270.8 mi	Contracted	
Total FY12 Planned	2,361,238 lf/ 447.2 mi	Internal/Contracted	



## **Training and Support Services**

In February 2011, nine additional MSD employees were trained and certified on PACP coding and protocols. This was the fourth PACP training that has been held at MSD, provided by Rod Thornhill, a NASSCO certified trainer. Following this training course a refresher class was held for all previously certified MSD staff and contractors. During this training, consistency of coding and interpretation were stressed, discussing specific condition prevalent in MSD's system. This brings the total number of current MSD staff and consultants certified in PACP to 35.

MSD follows the National Association of Sewer Service Companies (NASSCO) PACP Quality Control Standards for QA/QC of all inspection deliverables, whether part of an SSES project, ICA or collection system assessment. Ten percent of every deliverable undergoes an independent review by a PACP certified reviewer using a standard review process. Selected surveys are printed, and both the header and the observations data are graded for accuracy and completeness. The reviewer looks at the video and the completed inspection and notes any missed observations or deficiencies. A final score is calculated based on the total number of possible entries and the errors noted. Protocols for inspection data QA/QC can be found in Attachment 2.

Based on the accuracy level achieved, the deliverable is categorized relative to its acceptance. Each of the categories has prescribed post review action items for the contractor and the reviewer to ensure that the data is corrected and reviewed a second time. Reviewed deliverables fall into one of the following categories.

- Satisfactory Review, No changes required. Accuracy Level of 90% or above and no major errors or omissions found.
- Satisfactory Review, Minor changes required. Accuracy Level between 80-90% with minor errors and omissions that need to be corrected.
- Unsatisfactory Review, Changes required. Accuracy Level below 80% with minor errors and omissions that need to be corrected.
- Unsatisfactory Review, Major changes required. Accuracy Level below 80% with major errors and omissions that need to be corrected throughout the submission.
- Review Failed, Re-inspection required. Videos are not clear enough to accurately audit the inspection.

Deliverables must ultimately reach the first category to be accepted by MSD. Once a deliverable is accepted, the data is imported into the Hansen information system, which is the master repository for all asset-related data at MSD. Any subsequent analysis of this data utilizes reports and exports derived from this master database.

A project to upgrade Hansen Version 7 to Hansen Version 8 is currently underway and is scheduled to be completed during the spring of FY12. Hansen 7 was not designed to be PACP certified, but Hansen 8 has already received PACP certification. All data generated by these efforts will be migrated to Hansen 8 over the next year, bringing analysis and results up to national standard.

To proactively address current and upcoming infrastructure issues, a detailed decision framework has been developed including inspection, assessment, prioritization, mapping, and



remediation activities (including maintenance and/or rehabilitation).

For the sewer assessment program, the decision framework steps are to inspect, evaluate, report and implement in a continuous cycle, as illustrated to the right.

- Inspection is conducting manhole and pipe surveys of field conditions to document defects according to standardized Pipe Assessment Certification Program (PACP) methods.
- Evaluation is reviewing the field surveys for major defects, and recommending remediation activities, if needed.
- Reporting is presenting recommended activities in a report with cost estimates, maps and a description of the required remediation effort.
- Implementation is carrying the recommendations through construction. The implementation step includes producing bid documents and tracking remediation activities.

The assessment process does not conclude with implementation, but with defining an inspection cycle to continue to monitor and assess the infrastructure. A findings report is developed for each study area including a summary of the area and issues present, rehabilitation or remediation and maintenance recommendations, cost estimates, maps, bid documents, and a determination of the future inspection interval. The findings report provides the foundation and guidance for future maintenance and rehabilitation activities including cost estimates and mapping of repairs and locations.

Rehabilitation activities are selected and prioritized through the evaluation processes. Utilizing the recommendations, projects are bid and rehabilitation work is completed. During the FY11 a total of four projects were implemented. The summary table describes the nature of the work performed and total project costs.

Example work performed in FY11 is shown in Figure 4. Tables 6 and 7 list areas where rehabilitation recommendations were developed and where rehabilitation work was completed, respectively. In FY12, MSD will continue to assess inspection areas and generate maintenance and rehabilitation recommendations for focus areas. The FY10 and FY11 areas will be prioritized and the highest priority projects will be advertised for bid.



and FY11 areas will be prioritized and the highest priority projects will be advertised for bid.

Figure 4 - Cast in place pipe is installed to rehabilitate long stretches of dilapidated sewer mains



Table 6 - FY11 Areas Assessed for Rehabilitation

Interceptor Area	Pipe Length	Estimated Costs of Recommendations
Edsel PS	5.5 mi	\$1,377,132
Sonne PS	2.5 mi	\$383,500
Hazelwood PS	2.1 mi	\$393,200
Hillridge	8.0 mi	\$593,660
Parkview Estates	5.1 mi	\$25,670
TOTAL FY11	23.2 mi	\$2,773,162

Table 7 – FY11 Rehabilitation Projects Completed

					TOTAL
Description	BGI Phase 2	Floydsburg	Hazelwood	Sonne	FY2011
ACD Date	12/31/2010	12/31/2010	6/30/2011	6/30/2011	
CIPP Total (LF)	-	40,543	42,767	48,473	131,783
Open Cut Point					
Repairs (LF)	-	8	78	21	107
Manhole					
Rehabilitation					
Epoxy Coating					
(EA)	-	13	26	24	63
Manhole Repairs					
(EA)	13	19	46	43	121
Total Project Cost	\$18,260	\$46,620	\$393,200	\$838,500	\$1,296,580
SCAP Credits					
(GPD)_	19,008	28,437	38,700	120,800	206,945



## 3. Blockage Abatement Program

MSD is currently refining the procedures and protocols of its BAP, which initiate routine maintenance on those sewer lines exhibiting operational or maintenance related defect conditions as they are found through the Continuous Sewer System Assessment (CSSA) inspection program.

This program is a refinement of the gravity line preventive maintenance that MSD has implemented over the years. Maintenance activities related to this program include reinspection, flushing and vactoring, root cutting, chemical treatment, grease removal, and long-term rehabilitation assessment. Consistent, periodic preventive maintenance of the sewer system to maximize asset life and minimize overflows, property damage and health risks is the primary goal of the program.

MSD currently performs condition-driven maintenance activities on portions of the sewer system, along with a large amount of reactive maintenance and rehabilitation due to customer service calls and field review. As the 3,200-mile system is inspected through the CSSA program, MSD will use the BAP to expand its condition-driven maintenance to address those sewers demonstrating a need to be in the program. This program expansion requires planning and resources to execute effectively. Over time, the segments in the program will be reviewed to determine if the maintenance need can be remediated to eliminate the recurring maintenance activity.

The following activities related to BAP accomplishments occurred during the FY11 reporting period:

- Performed chemical root treatment on 201,128 LF of Separate Sanitary Sewer and 16,921 LF of Combined Sewer.
- Performed sewer flushing on 60,569 LF of Separate Sanitary Sewer and 39,470 LF of Combined Sewer.
- Performed cleaning on 422,886 LF of Separate Sanitary Sewer and 6,991 LF of Combined Sewer.
- Performed root cutting on 158,865 LF of Separate Sanitary Sewer and 50,244 LF of Combined Sewer
- Increased chemical root control services to \$500,000 for FY12.

In FY12, an aggressive approach will continue to implement maintenance activities and refine the program to be more effective. Sewers currently maintained within the program will remain and sewer lines identified as needing recurring maintenance through proactive condition assessment will be incorporated as needed. MSD will focus on reviewing customer reported overflows caused by blockages, grease, or roots to actively re-inspect and maintain lines to keep the overflows from recurring.

Quarterly reports will include project-specific progress on inspection, maintenance and rehabilitation efforts. Annual reports will continue to include programmatic updates on progress, refinements, and upcoming efforts.



## 4. Data Management

The CSSA program is currently generating massive amounts of data in various formats that is being quality controlled and stored in a systematic, retrievable manner. The data types are described below and the storage system is described. All of the work discussed in this annual report generates information managed through this system.

Investigation activities result in several different types of deliverables. Consultants routinely submit several copies of various reports including draft and final Sanitary Sewer Evaluation Studies (SSES) and Interceptor Condition Assessment (ICA) Reports. Electronic data is a significant and important part of the investigation activities. Electronic versions of Reports, electronic data collected as part of field activities, Video files and pictures are collected and stored for ease of access and analysis.

**Inspection Data** – Data collected as part of manhole inspections, closed-circuit television inspection and smoke testing are entered into the Hansen IMS system either manually or interactively using the import/export procedures described in section 4.2.

**Reports** – SSES, ICA and miscellaneous investigation reports are stored in a hard copy format in the CSSA library. Electronic versions are processed and uploaded to eB.

**Video files** – Video files from CCTV are processed and uploaded to eB where they can easily be downloaded to the MSD network for further analysis. The process for archiving these files in eB can be found in section 4.3.

**Pictures** – Electronic versions of pictures are processed and uploaded to eB, where they can easily be downloaded for use and review.

### Import/Export Procedures

MSD employs the use of the Neztek Data Exchange Utility (NDEU) in conjunction with Hansen (Infrastructure Management System). The NDEU allows for mass data transfers into and out of Hansen. Groups of sewer assets are first selected geographically with the use of geographic information systems (GIS) and then turned into group projects in Hansen. Inspection work orders are generated on the group project which is then exported with the NDEU. The exported inspection reports and maps are sent to MSD employees or contractors to complete in the field.

As field work is finished the completed inspection reports and Sewer formula TV Inspections can have a quality check on the data. The QAQC of TV inspections is accomplished through the use of an outside contractor who specializes in this area. MSD receives the QAQC from the contractor. If the scores are passable, MSD accepts the inspections, and import the data back into Hansen through the NDEU. This process allows for better record keeping of what is in the MSD collection system. Unknown sewer manholes and mainlines are constantly being found. Sewer assets are given a score based on their condition which allows for a rehabilitation assessment.

### Information Storage and Retrieval

In 1992, MSD management made a decision to move away from hard copy documents and move towards using digital images for storage and archives. One important aspect of this decision is end user accessibility. It has been a goal from the beginning to integrate the three independent information systems in use by MSD into a collaborative environment available to MSD staff and personnel available through the MSD network. The three independent



information systems are made up of Hansen IMS, MSD's asset management system, ArcGIS, MSD's geographic information system and eB, MSD's Enterprise Information System. An additional goal is also to include SharePoint in this collaboration system. The integration of each system is the key way to make information data retrieval easy for MSD personnel. Typical data related to CSSA stored in the eB system includes:

- Pictures
- Video files from CCTV
- SSES Reports
- ICA Reports

As deliverables are received and approved by MSD, they are forwarded to the GIS Services and Records staff to be indexed and uploaded to eB. Data processed and uploaded to eB can occur on an individual case by case basis or in a mass import. TVI Videos are typically uploaded to eB as a mass import, where individual SSES reports would be uploaded on a case by case basis. The key factors of the eB system are that the files are placed into eB and then that they are indexed properly to make it easy to find them at a later date. Through the use of these interfaces with each of MSDs different information systems it allows the user to access the same data multiple ways. The end result is easy access to pertinent information - whether it be the asset management system, the geographic information system, or the enterprise information system.

Over the coming year, MSD will focus on upgrading data storage hardware and creating a spatial interface through that provides seamless access to the data collected under the scope of the CSSA program.



# APPENDIX J – FY11 April 2011 Rainfall 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 at 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 or 502-540-6145 if you should have any questions.

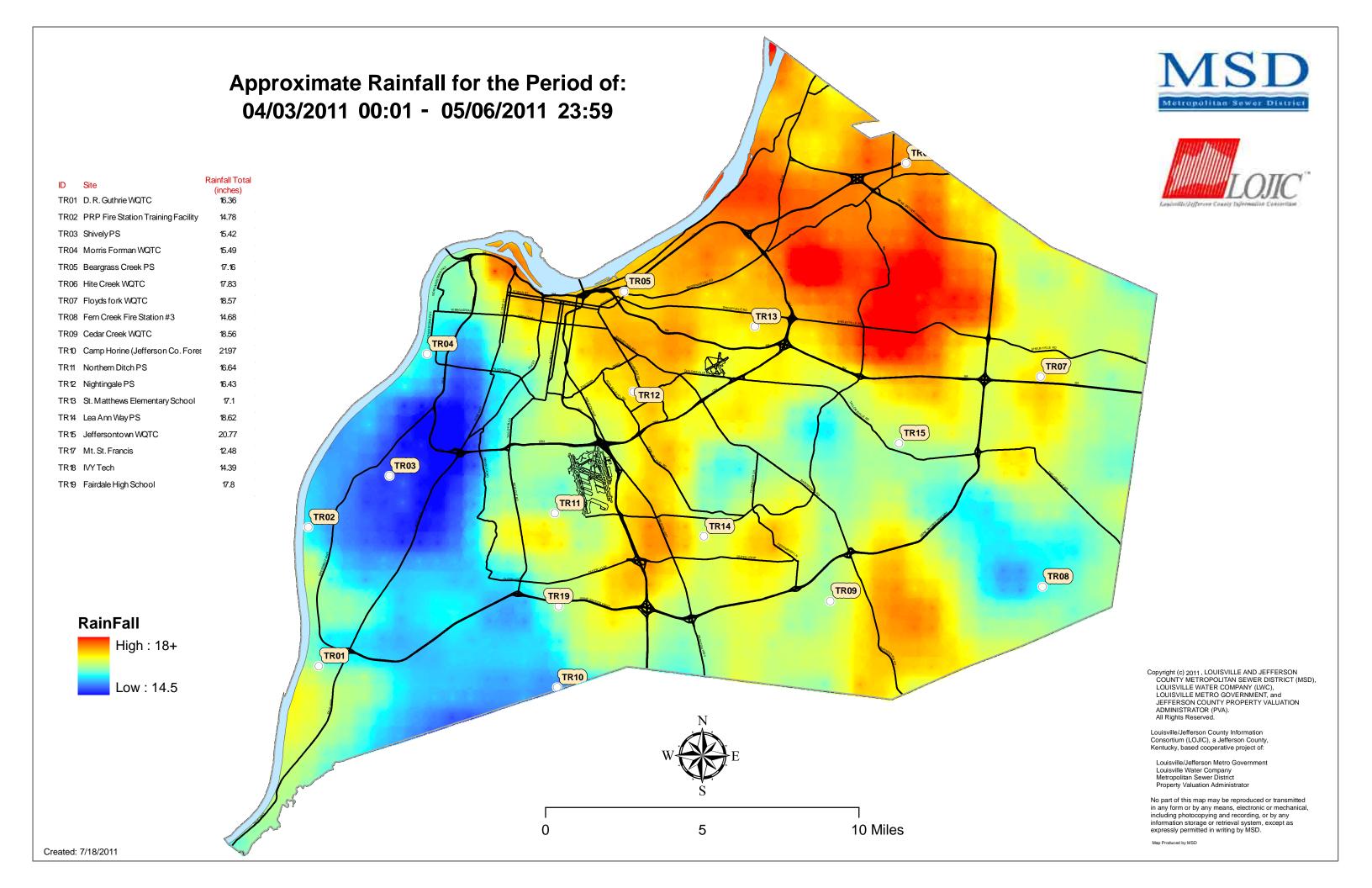
jtg/April 2011 Rain Event Summary.doc

cc: File



Attachment 1 – April Rainfall







Attachment 2 – April Service Request

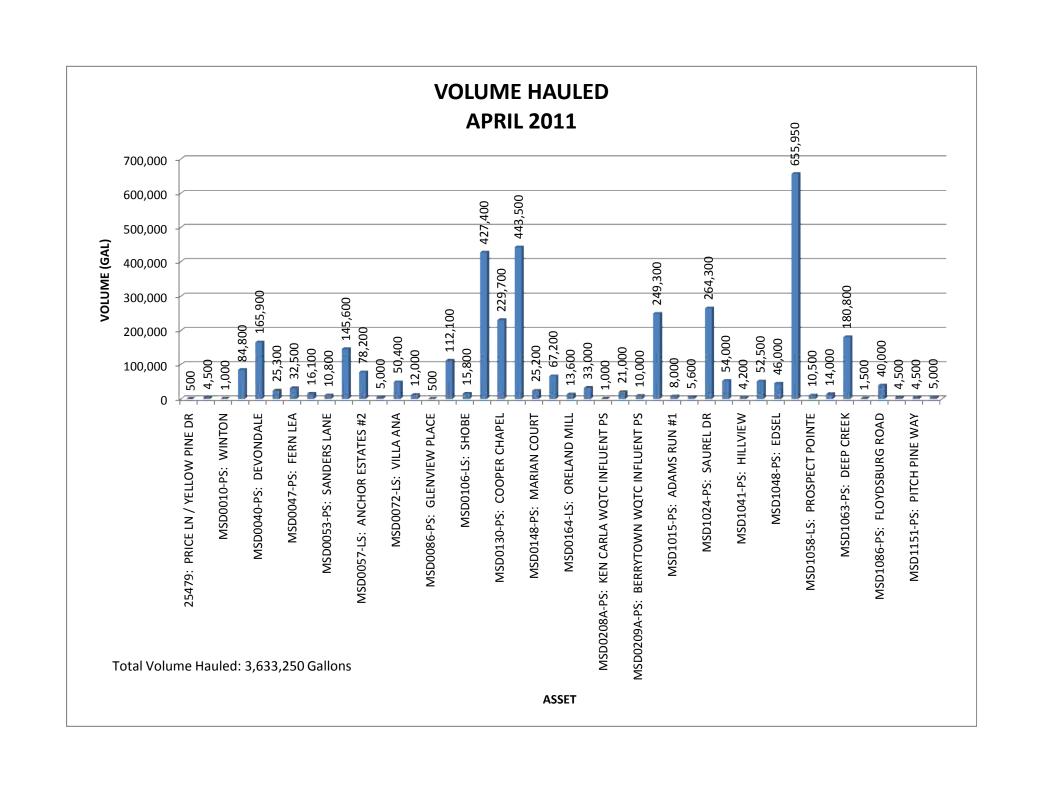


Rain Event April 3, 2011 Service Request April 3, 2011 12:01 AM to May 6, 2011 11:59 PM Metropolitan Sewer District **Service Requests** Back Up Cave In Catch Basin Discharge Drainage Manhole Obstruction Combined Sewer Area Louisville/Jefferson County Information Consortium Copyright (c) 2011, LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT (MSD), LOUISVILLE WATER COMPANY (LWC), LOUISVILLE METRO GOVERNMENT, and JEFFERSON COUNTY PROPERTY VALUATION ADMINISTRATOR (PVA). All Rights Reserved. Louisville/Jefferson County Information 5,000 10,000 15,000 20,000 Consortium (LOJIC), a Jefferson County, Kentucky, based cooperative project of: Louisville/Jefferson Metro Government Louisville Water Company 1 inch = 5,000 feet Metropolitan Sewer District Property Valuation Administrator No part of this map may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or by any information storage or retrieval system, except as expressly permitted in writing by MSD.



Attachment 3 – April Volume Hauled

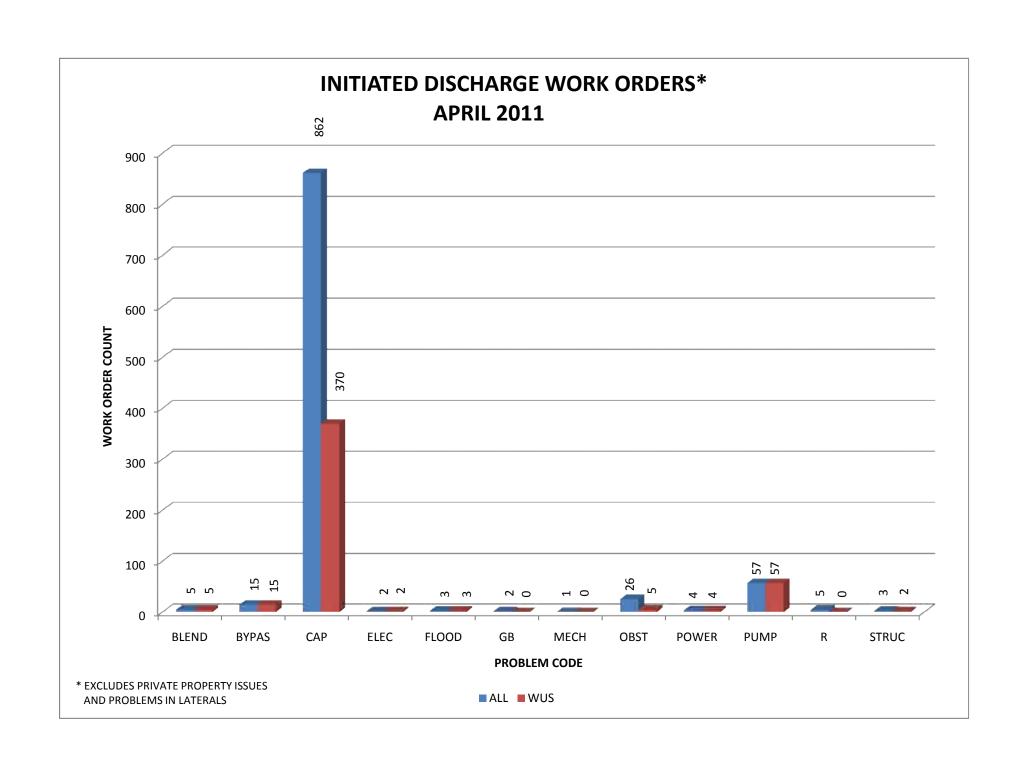






Attachment 4 - Discharge Work Orders - Aug 4, 2009





Louisville MSD - Rainfall and overflow comparison for April and May 2004 - 2011

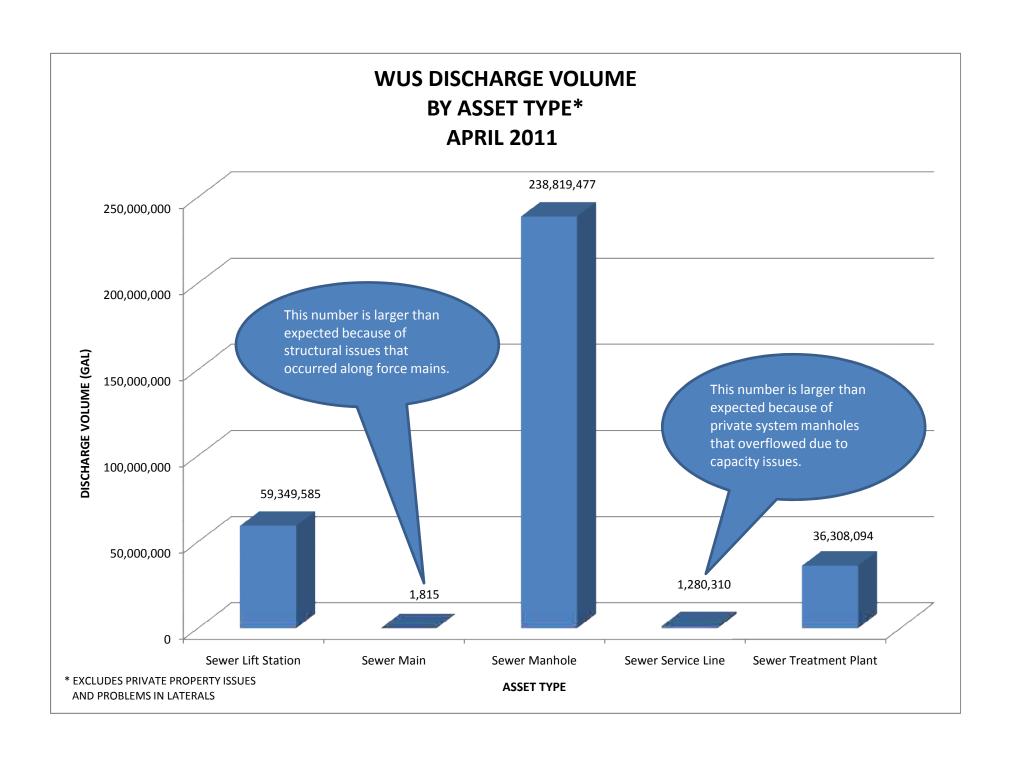
	April			May			2-month total		
	Rainfall Total	Overflow	Overflow	Rainfall Total	Overflow	Overflow	Rainfall Total	Overflow	Overflow
Year	(in)	Count	Volume (gal)	(in)	Count	Volume (gal)	(in)	Count	Volume (gal)
2004	5.08	22	1,046,591	10.19	126	142,146,551	15.27	148	143,193,142
2005	3.36	5	65,000	3.84	21	4,189,722	7.2	26	4,254,722
2006	4.95	34	84,064,325	4.76	2	8,200	9.71	36	84,072,525
2007	4.33	13	6,368,384	2.55	4	5,625	6.88	17	6,374,009
2008	6.78	115	239,075,911	7.39	50	20,443,699	14.17	165	259,519,610
2009	4.66	14	1,442,380	2.76	40	32,794,403	7.42	54	34,236,783
2010	4.73	3	7,332	9.27	144	89,969,611	14	147	89,976,943
2011	18.23	338	295,864,144	8.57	152	46,463,705	26.8	490	342,327,849

Note: Overflow volume estimations improved beginning with 2005



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

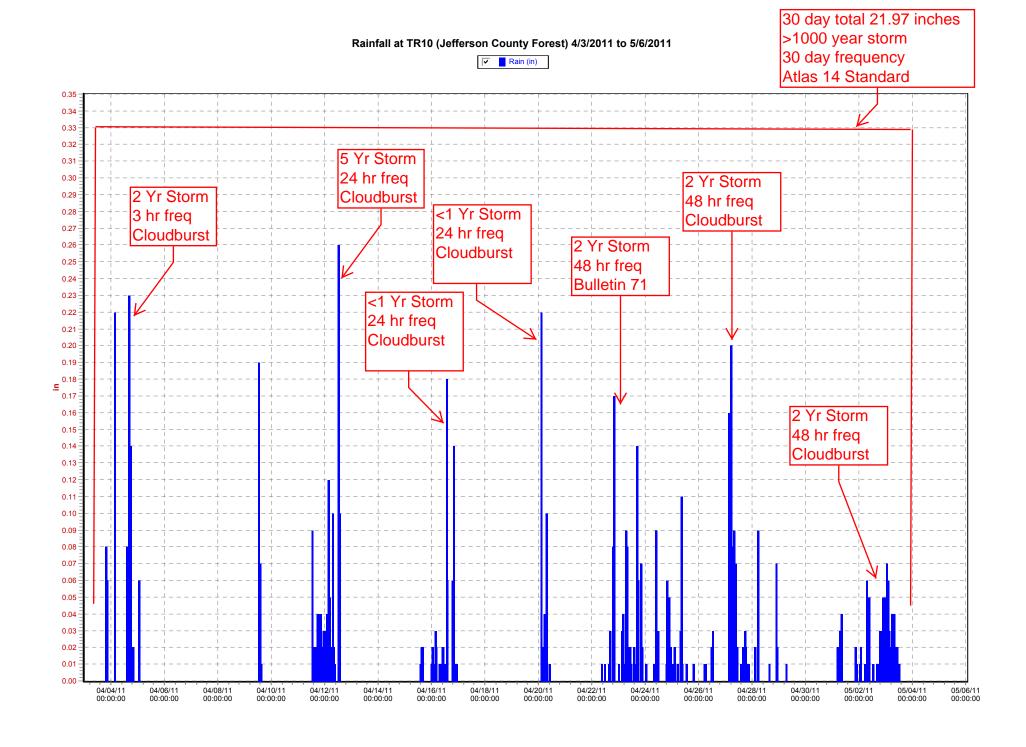






Attachment 6 - Rainfall at TR10

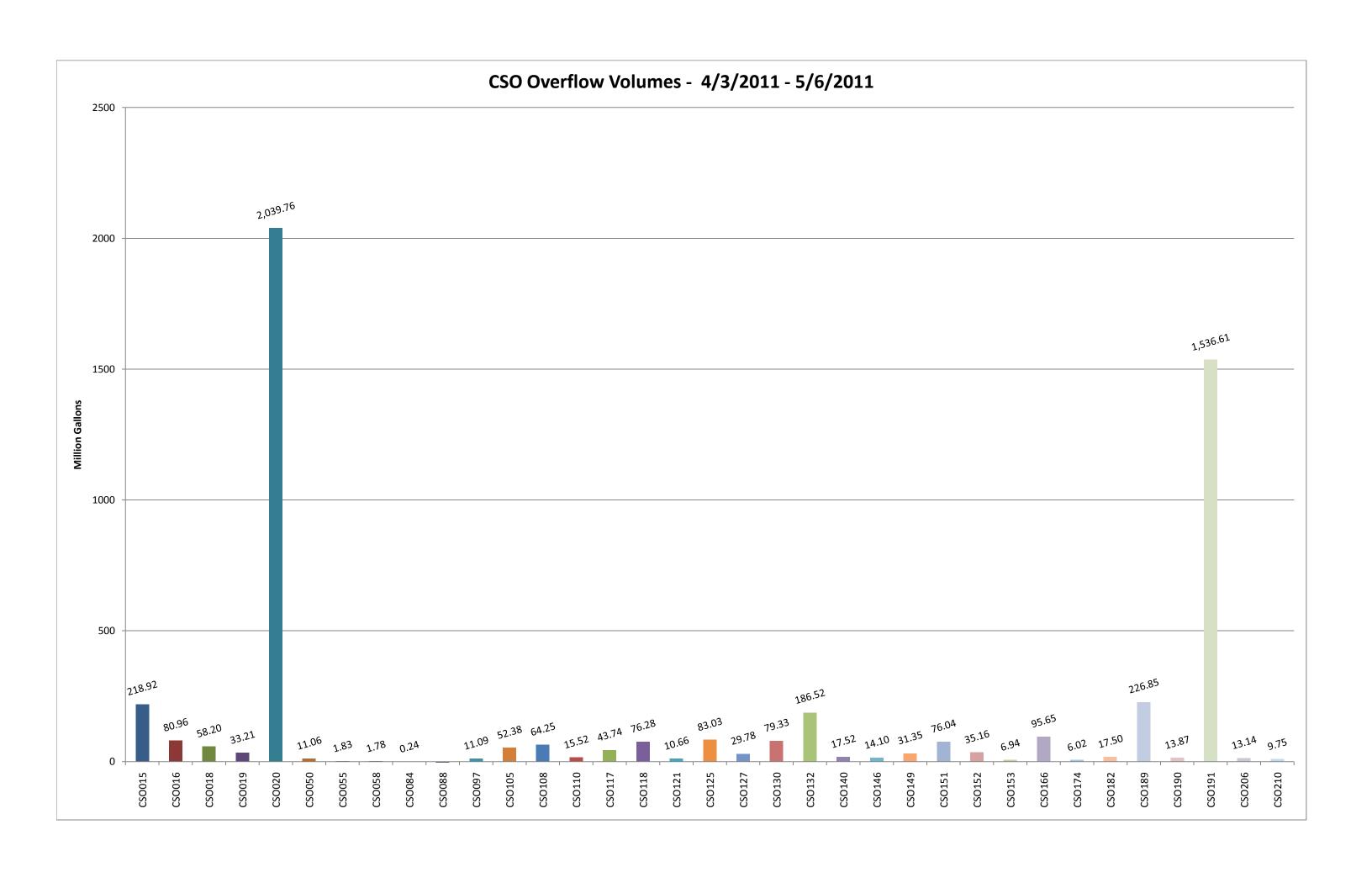






Attachment 7 – CSO Overflow Volumes

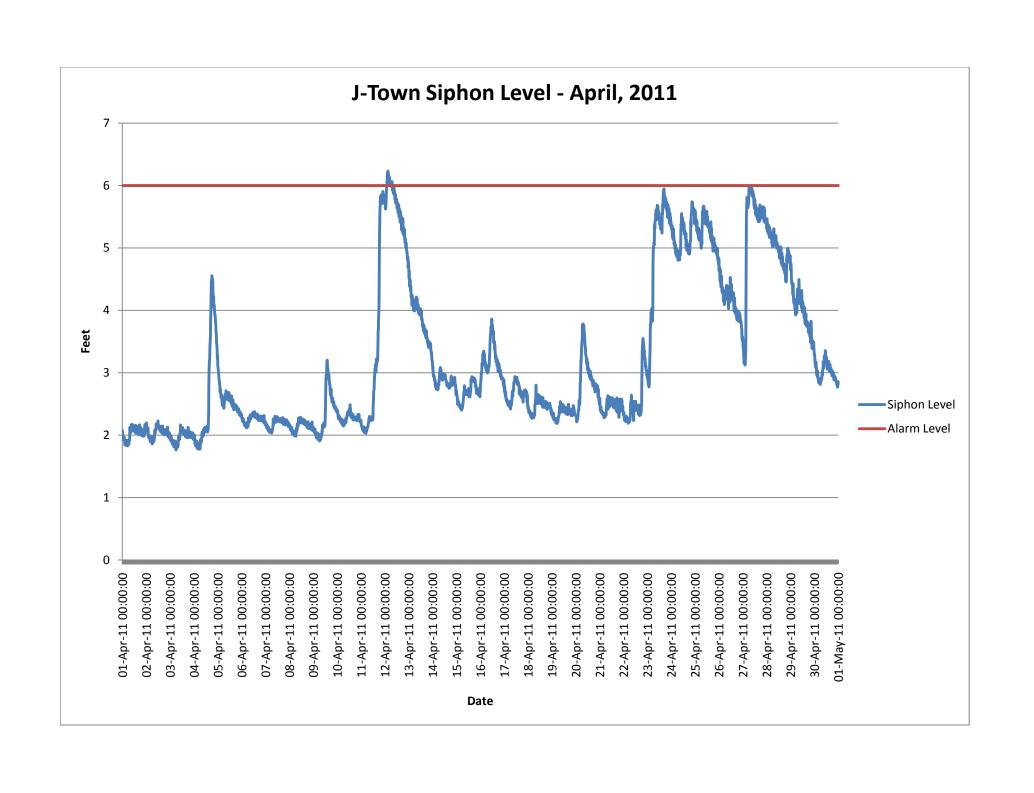






Attachment 8 - April J-Town Siphon Level

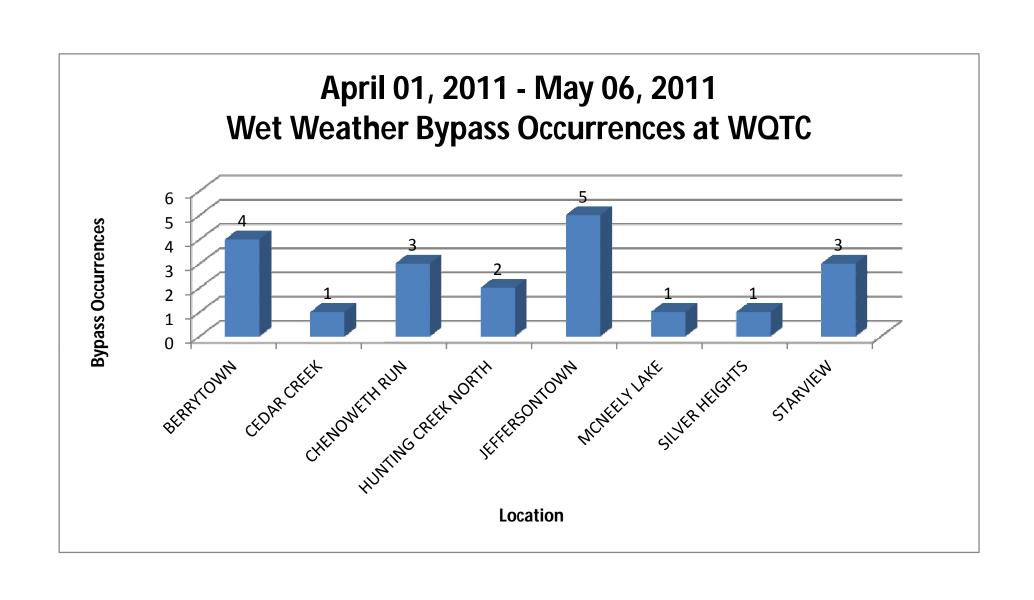


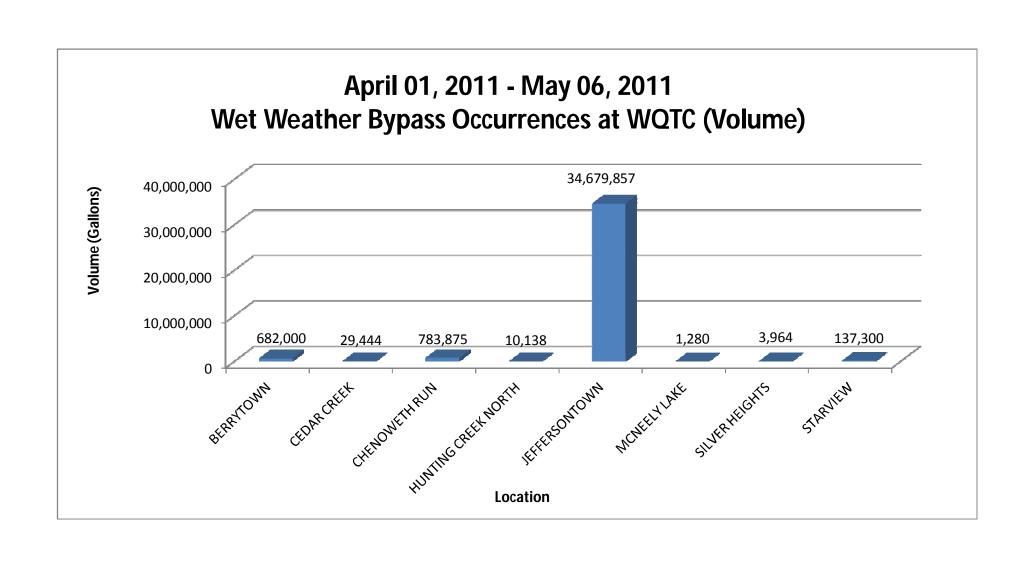




Attachment 9 - April Bypass Chart



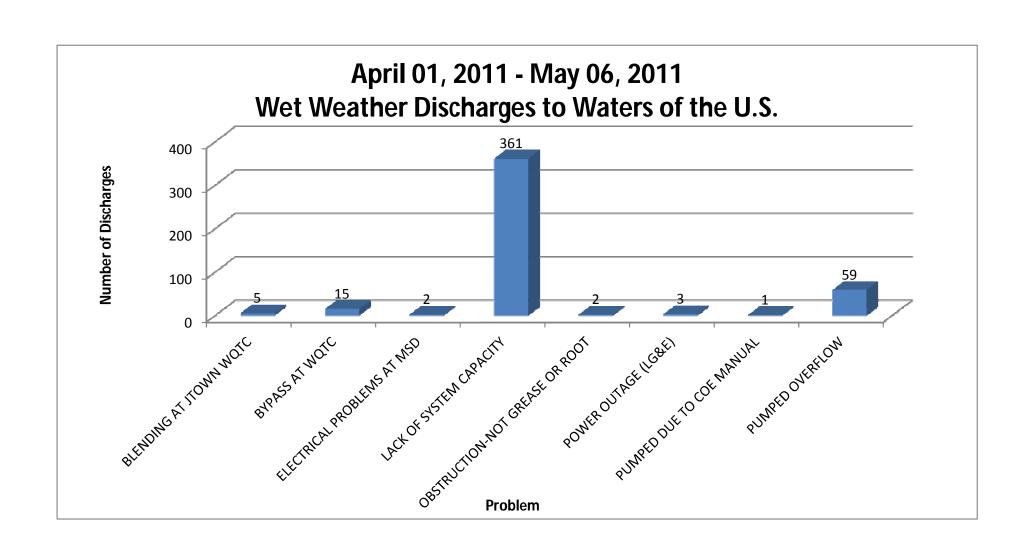


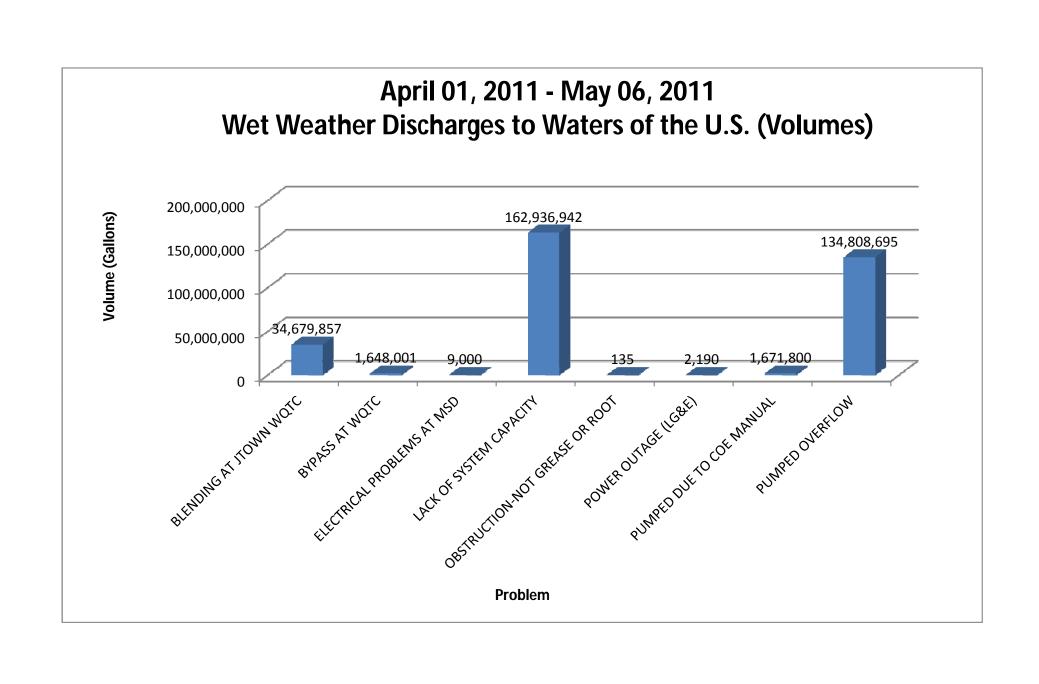




Attachment 10 - April Discharge Charts by Type - Count & Volume



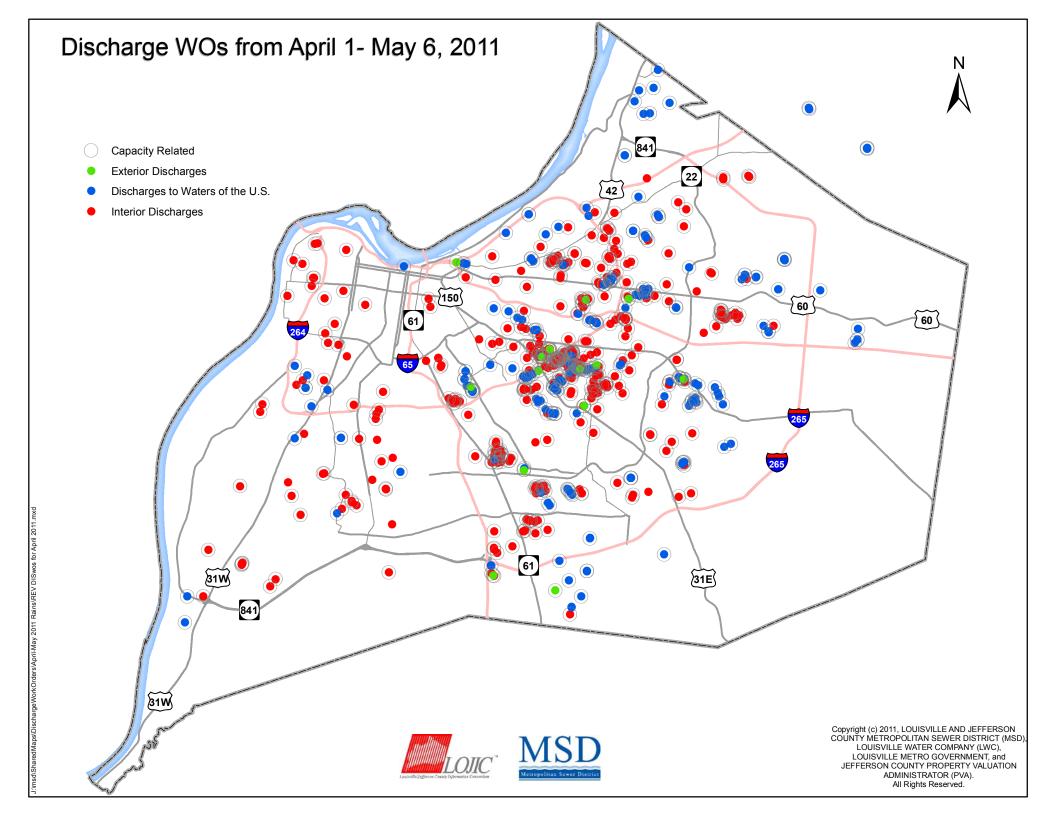






Attachment 11 - April Discharge Work Order Map







### APPENDIX K - FY11 SUPPLEMENTAL ENVIRONMENTAL PROJECTS





### **CHEROKEE PARK STREAM RESTORATION SEP**





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

March 16, 2011

Chief, Environmental Enforcement Section Environmental and Natural Resources Division U.S. Department of Justice Post Office Box 7611 Washington DC 20044-7611 Jeff Cummins, Acting Director
Division of Enforcement
Department of Environmental Protection
300 Fair Oaks Lane
Frankfort, KY 40601

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

Subject:

Supplemental Environmental Project - Cherokee Park Stream Restoration

SEP Completion Report

Civil Action No. 3:08-cv-00608-CRS

### Attention Chiefs and Director:

Please find attached our Cherokee Park Stream Restoration SEP Completion Report, prepared in accordance with Paragraph 34 of our Amended Consent Decree. This report provides background and project specific information associated with the Cherokee Park Stream Restoration Project located within the Middle Fork of Beargrass Creek in Jefferson County, Kentucky.

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,

W. Brian Bingham

Regulatory Services Director

Cherokee Park - Completion Report Letter.doc

cc;

H. J. Schardein, Jr.

Paula Purifoy

Laurence J. Zielke

John Loechle



Final Report Cherokee Park Middle Fork Beargrass Creek Stream Enhancement Project Jefferson County, Kentucky

Prepared for: Louisville and Jefferson County Metropolitan Sewer District



**FINAL REPORT** 

CHEROKEE PARK MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT JEFFERSON COUNTY, KENTUCKY

### **Table of Contents**

1.0	PROJECT LOCATION	1
2.0	PROJECT DESCRIPTION	1
3.0	CONSTRUCTION	4
4.0	CONSTRUCTION COST	5
5.0	ENVIRONMENTAL AND PUBLIC HEALTH BENEFITS	5
6.0	CONCLUSIONS	5

### **APPENDICES**

**APPENDIXA** 

PHOTOS

APPENDIX B

**PROJECT PLANS** 

APPENDIX C

ITEMIZED CONSTRUCTION COST

**FINAL REPORT** 

CHEROKEE PARK MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT JEFFERSON COUNTY, KENTUCKY

### 1.0 Project Location

The Cherokee Park Middle Fork Beargrass Creek Stream Enhancement Project is located along the Middle Fork of Beargrass Creek within the eastern portion of Cherokee Park near Seneca Park in Louisville, Kentucky. The site is located at a bridge crossing over the Middle Fork along Beargrass Road. The bridge crossing is frequently referred to as bridge 7 and is the second crossing over the creek along Beargrass Road approximately 800 feet east of the intersection of Beargrass Road and Scenic Loop Road. Figure 2 taken from USGS mapping depicts the project site location.

### 2.0 Project Description

Beargrass Creek within Cherokee Park is a highly urbanized stream system exhibiting a number of areas of significant bank erosion. A typical view of the erosion is presented in Figure 1. The project includes approximately 350 feet of stream relocation/ enhancements upstream of the bridge and 150 feet of enhancements downstream. Prior to the project the Middle Fork of Beargrass Creek was located in close proximity to Beargrass Road and made a nearly 90-degree bend at the bridge. The sharp bend resulted in increased erosion

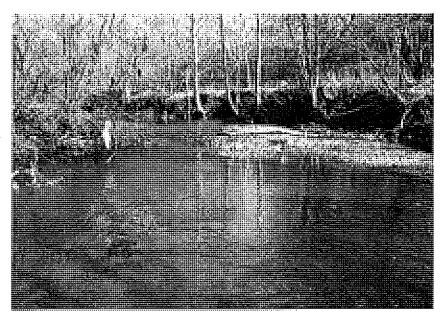
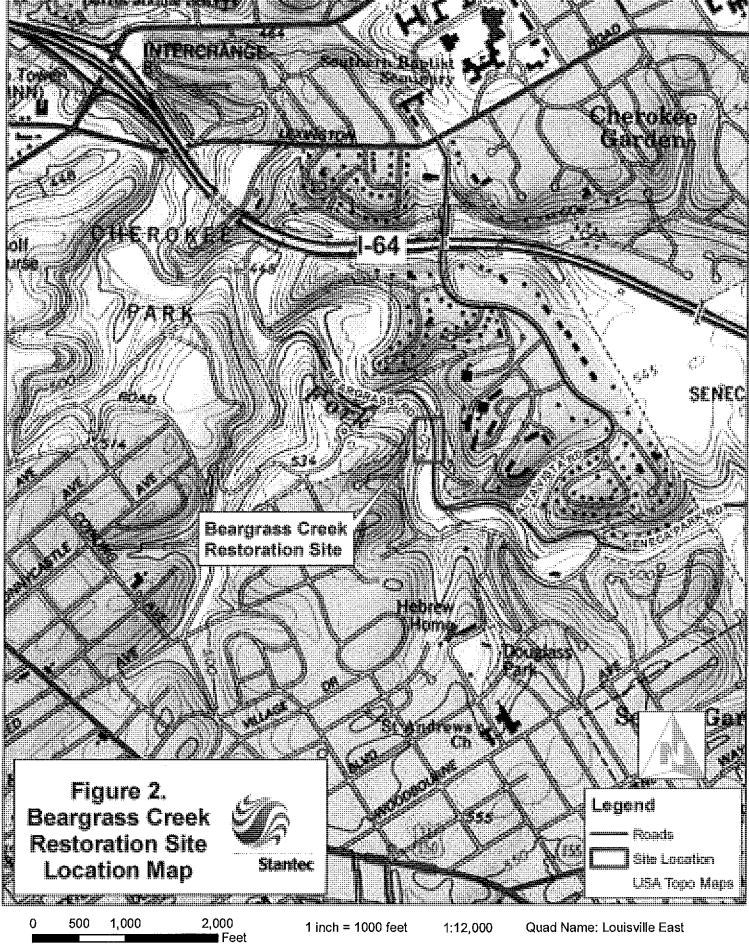
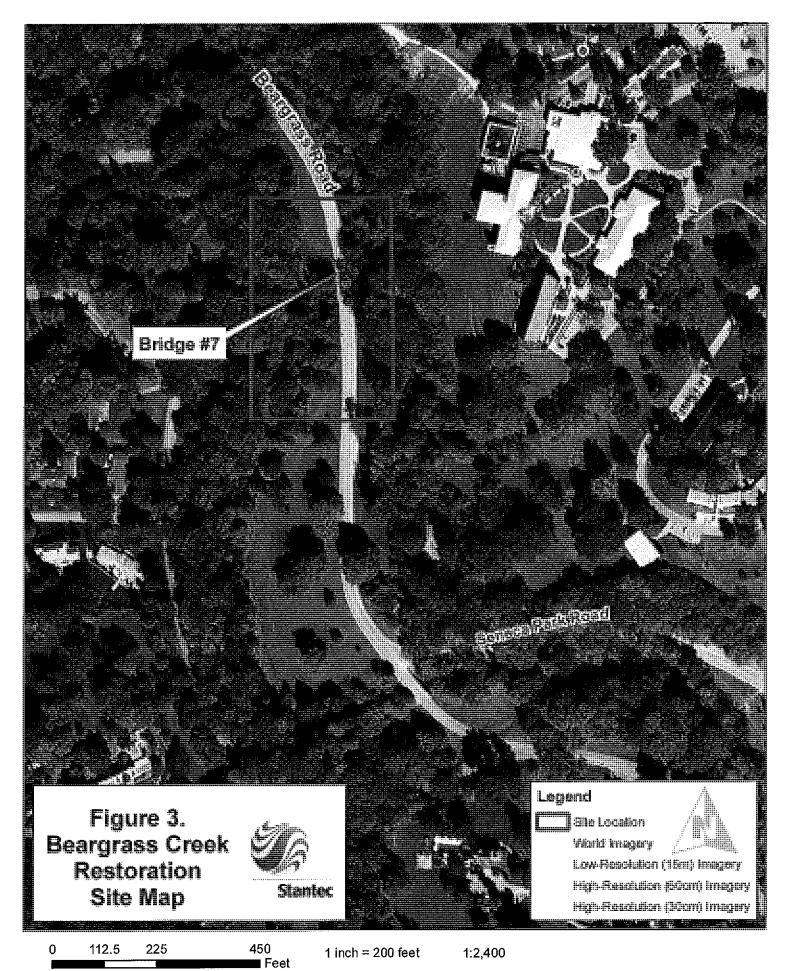


Figure 1: Eroding banks upstream of bridge.

both upstream and downstream of the bridge. The overall limits of the project are depicted on aerial mapping provided in Figure 3.

The goals of the project are to improve aquatic and riparian habitat by stabilizing eroding stream banks along the reach using natural channel design principles and soil bioengineering techniques. The project is also an excellent opportunity to showcase the latest proven technologies in restoring urban stream systems.





**FINAL REPORT** 

CHEROKEE PARK MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT JEFFERSON COUNTY, KENTUCKY

The project utilizes a number of natural channel design techniques consisting of the following:

- Excavation of a bankfull bench along the channel to improve floodplain access,
- · Restoration of riffle and pool complexes,
- Use of In-stream structure to provide habitat while deflecting flows including:
  - constructed riffle
  - log vane
  - J-hook with a sill
  - cross vane with a step,
  - toe wood sod mat, and
  - live brush layering,

In order to improve flow through the bridge and reduce erosion, a portion of the stream was reconstructed along a new alignment. Overall the project included approximately 500 feet of stream restoration and 1.2 acres of native riparian plantings.

### 3.0 Construction

Construction of the project was completed by EZ Construction Company Inc., and ran through the months of October, 2010 through December, 2010. The project was constructed in accordance with the project plans and included a pump around of Beargrass Creek around the construction site so that the stream improvements could be built in the dry. The only known deviation from the plans included the use of live brush layering on top of the toe wood rather than the use of sod. Live brush layering consists of dormant plant cuttings that are placed along the streambank at a density on the order of 8 to 12 stems per linear foot between soil wraps protected with coir fiber erosion control fabric. The reason for this change was that there was insufficient sod at the site and the live brush layering was a practical alternative especially given the time of year of construction (during plant dormancy).

The construction costs for the project are discussed in Section 4 below. In general, the bids came in lower than the Engineer's Estimate, which created an opportunity to expand the project during construction. Using the remaining funding available for the project, an additional area was added just downstream of the site where severe erosion was present along the left bank looking downstream. The additional work consisted of constructing approximately 100 feet of live brush layering between two soil wraps protected with coir fiber erosion control matting. Pictures or the site during and following construction are provided in Appendix A. A set of the project plans is provided in Appendix B.

**FINAL REPORT** 

CHEROKEE PARK MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT JEFFERSON COUNTY, KENTUCKY

### 4.0 Construction Cost

The project was bid using the Louisville and Jefferson County Metropolitan Sewer District's normal procurement process. The winning bid was prepared by EZ Construction Company Inc. The overall construction cost for the project was \$175,997 which included one change order to replace sod with live brush layering and to treat an additional eroded area downstream of the project with live brush layering. A summary of the construction cost are provided in Appendix C.

### 5.0 Environmental and Public Health Benefits

Stream restoration projects provide an excellent opportunity to enhance water quality. Prior to construction this project, the Middle Fork of Beargrass Creek in the vicinity of the bridge was highly subject to erosion, which was creating a hazard to vehicles traveling on Beargrass Road adjacent to the creek.

Environmental benefits achieved by this project include the following:

- Elimination of erosion and corresponding reduction of downstream sedimentation
- Introduction of macroinvertebrate habitat through the construction of a riffle
- Water temperature cooling through construction of deep maintainable pools
- Oxygenation of the water column through the construction of features creating turbulent flow at low flow conditions
- · Establishment of a riparian corridor consisting of native species

### 6.0 Conclusions

The Cherokee Park Middle Fork Beargrass Creek Stream Enhancement Project was successfully completed in December, 2010 and provides numerous environmental benefits. The project was constructed in accordance with the plan set with the following exceptions. Live brush layering was used on top of toe wood instead of sod due to lack of sod on site. Additionally, another area of severe erosion was treated as part of the project through the use of live brush layering placed between soil wraps protected with coir fiber erosion control matting. This project provides an opportunity to demonstrate the latest stream restoration techniques applicable to urban stream systems.

### Appendix A Photos



Photo 1: Eroding bank at upstream and of site before restoration.

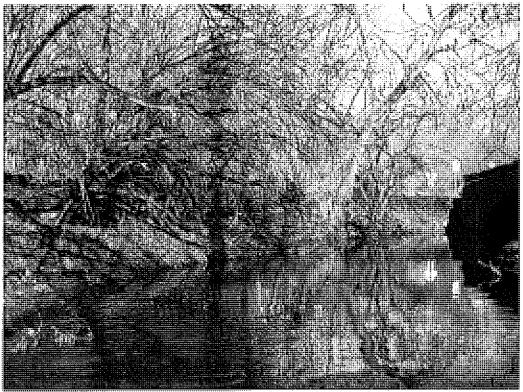
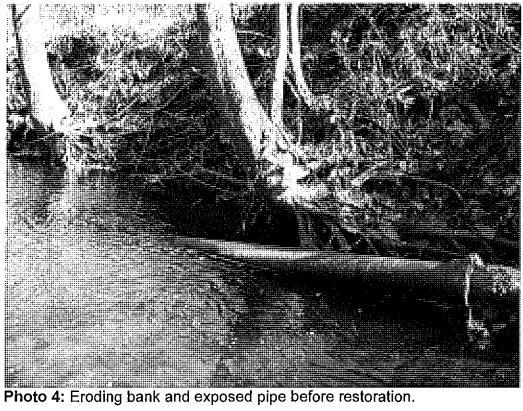


Photo 2: Eroding bank just upstream of the bridge before restoration.



Photo 3: Eroding right bank just upstream of bridge before restoration.



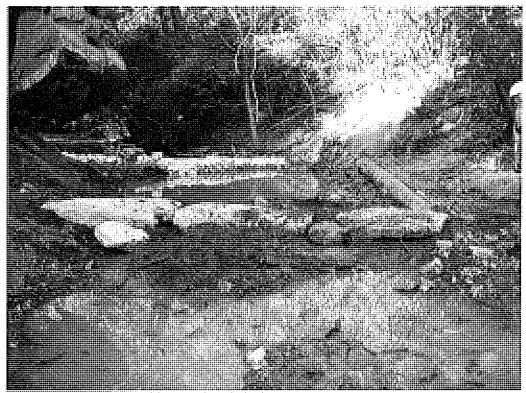


Photo 5: Log vane with a rock sill during construction.



Photo 6: Channal relocation construction.

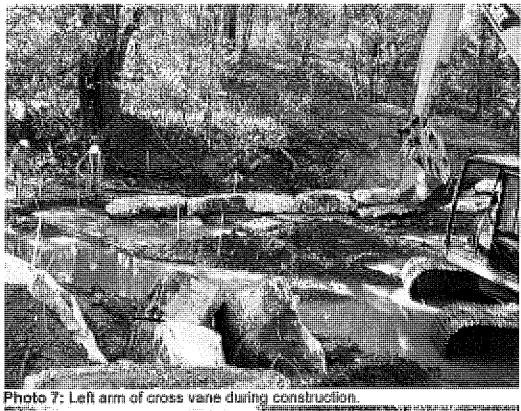




Photo 8: Riffle constructed using native gravel and J-hook directing flow through bridge opening.



Photo 9: Live brush layering with foe wood.



Photo 10: Live stakes in stream bank and container trees planted in floodplain.



Photo 11: View of site under flood flow during construction

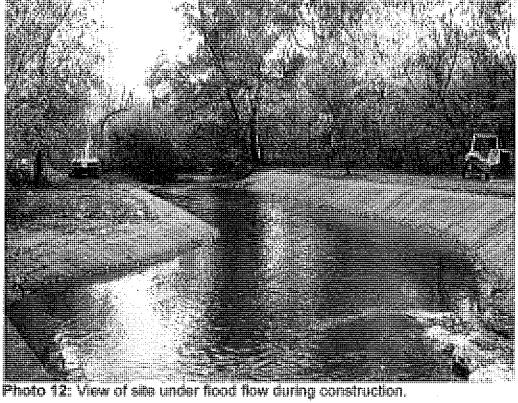




Photo 13: Upstream of bridge after planting.

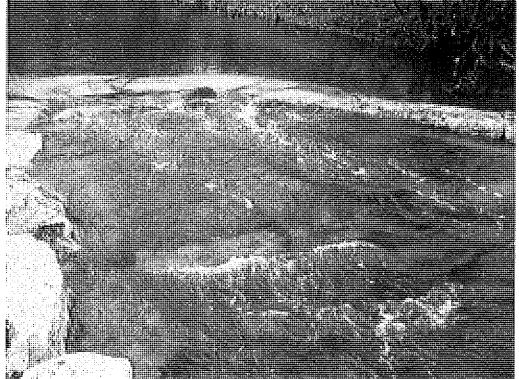


Photo 14: View of flow over cross vane after construction. These structures protect streambanks from erosion and help to maintain deep pools.



Photo 15: View of flow over log vane following construction



**Photo 16:** Left bank located downstream of project treated with live brush layering and soil wraps protected with coir fiber matting. This area was added to the project through a change order.





Photo 18: View of completed project (looking towards bridge).

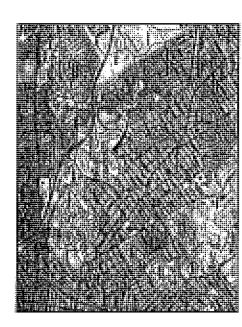
Appendix B
Project Plans

# LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

JEFFERSON COUNTY, KENTUCKY CONTRACT NUMBER 2010-022

## CHEROKEE PARK

### MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT



SITE OVERVIEW AND CONTROL POINTS

INDEX OF SHEETS

TREE PRESERVATION / REMOVAL PLAN

PLANTING PLAN 3-7. PLANTING TABLE

PLAN AND PROFILE

VICINITY MAP

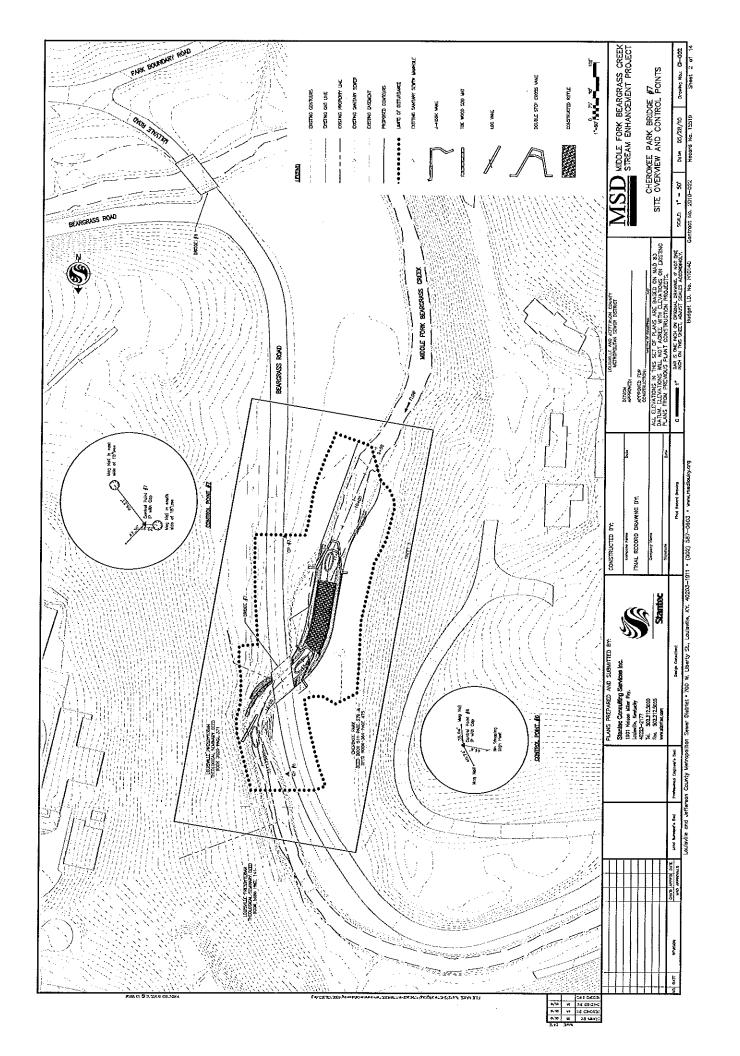
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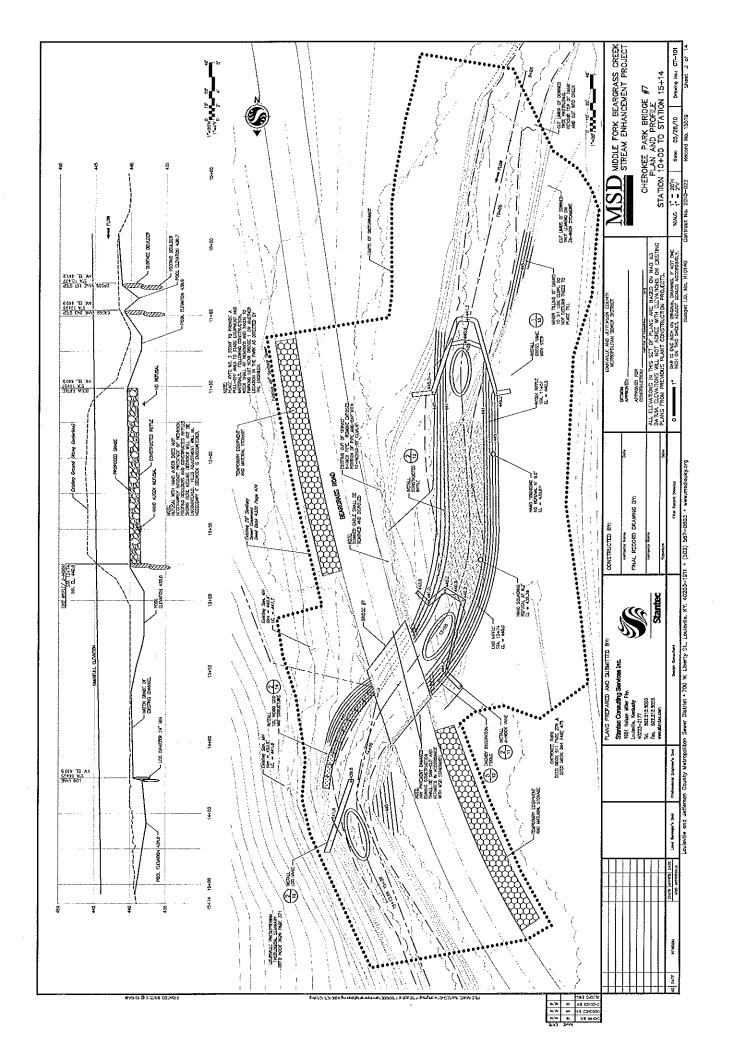
MSD MIDDLE FORK BEARGRASS CREEK STREAM ENHANCEMENT PROJECT

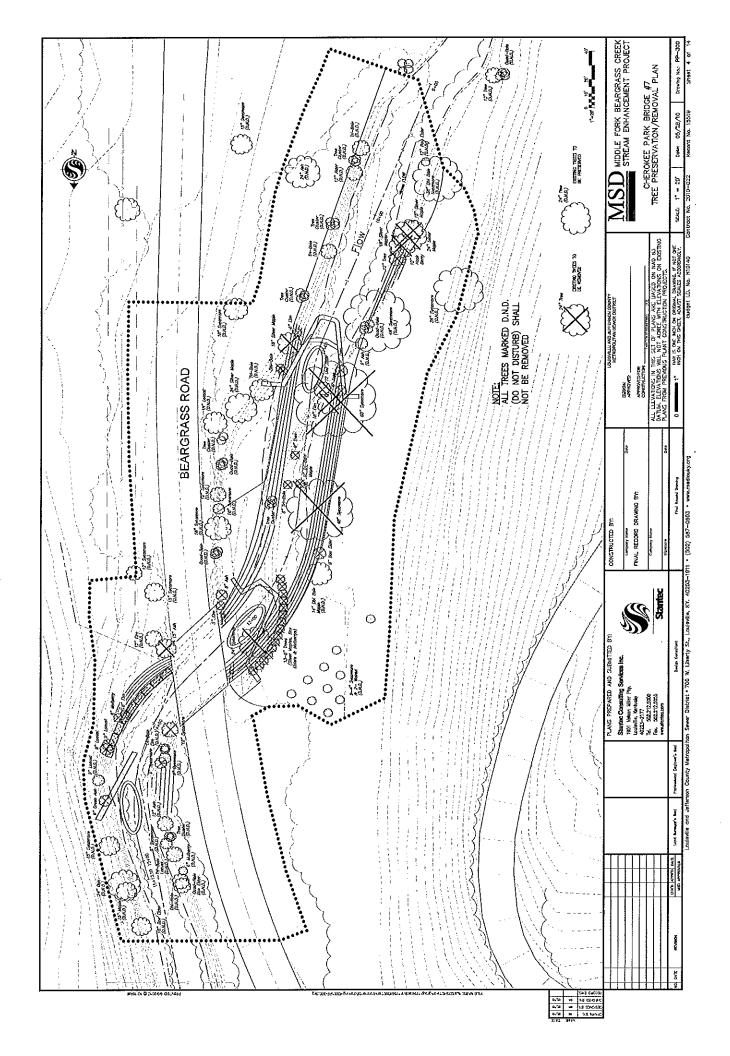
EROSION AND SEDIMENT CONTROL PLAN

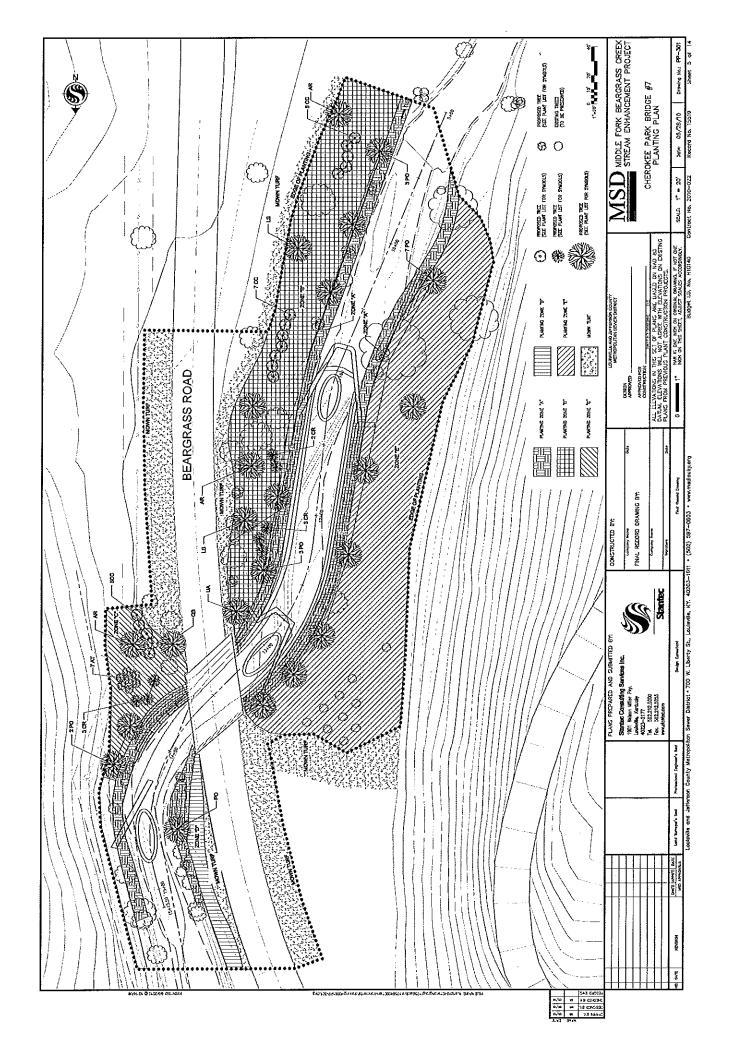
11,-14, STREAM RESTORATION DETAILS

B.-10. CROSS SECTIONS









	Comments		Stake in groups of 5 To 7				
(63 acre)	Quantity		197	197	197	197	28%
ENCH (0.1	Size		1	t			TOTAL
-ULL BE	Кеу		8	သွ	8	Q.	
ZONE A - BELOW BANK FULL BENCH (0.163 acre)	Botanical Name		Cornus amomum	Sambucus canadansis	Cephalanthus occidentalis	Vibumum dontatum	
)Z	Common Name	LIVE STAKES	SIIKy Dogwood	Elderberry	Buttonbush	Arrowwood Viburnum	

Note: Seed Entire Area - See Seed Mix.

	The same of the sa				
	ZONE B - FLOODPLAIN (0.34 acre)	PLAIN	0.34 acre)		
Common Name	Botanical Name	Key	Size	Quantity	Comments
SALIPER TREES					
Rod Maple	Acerrubum	Æ	1.5-2"	7	Plant por plan
Eastern Redbud	Cercis canadensis	છ	20	22	Plant por plan
ромиал	Carpinus caroliniana	દ	1.5.2"	5	Plant per plan
Sweotgum	Liquidambar styracillus	\$7	1.5.2"	2	Plant per plan
American Sycamore	Piatanus occidentalis	8	1.5.2"	g	Plant per plan
American Elm	Ulmus americana	\$	1.5.2"	1	Plant per plan
			TOTAL	28	

		Comments		Plant per plan	Plant per plan	Plant por plan	Plant per plan	Plant per plan	Plant per plan			Plant in groups	Plant in groups	Plant in groups	Plant in groups	Plant in groups	Plant in groups	Plant In groups	Plant in groups	
<u> </u>	acre)	Quantity		, P	7 Pl	3 P	S Pu	2 Pla	4	19		5 Pt	5 Pk	S Pl	9	S	3	S.	3 PI	90
	LAIN (0.10	Size		1.52	3 gailon	1,5.2	5-6,	1.5-2"	1.5.2"	TOTAL		3 gailon	3 gailon	3 gailon	3 gmillon	3 gallon	3 gallon	3 gallon	3 gallon	
ģ	FLOODP	Key		¥.	AT	ક	ន	5	8			AM	8	ধ	2	97	as	သ	2	
Notes: 1. Seed Entire Area – See Seed Mix. 2. No Shrubs or Container Trees in this area.	ZONE C - SOUTHEAST FLOODPLAIN (0.10 acre)	Botanical Name		Acernitrum	Asimine trilobe	Carpinus carolinians	Carcis canadensis	Platanus occidentalis	Querrais bicolor			Arcula molanocarpa	Cepahalanthus occidentalis	Comus amomum	ttea virginica	Lindara banzoin	Sallx discalor	Sambucus canadensis	Vibumum dentstum	
Notes: 1. Seed Entire Are 2. No Shrubs or 0	Z	Common Name	CALIPER TREES	Rod Maple	Раж Раж	росмиси	Eastorn Redbud	American Sycamore	Swamp White Oak		SHRUBS	Black Chokeberry	Buttonbush	Silky Dogwood	Virginia Willow	Spice Bush	Pussy Willow	Eldarberry	Arrowwood Viburnum	

Nates: 1. Seed Entire Area — See Seed Mix. 2. No Container Trees in this area,

Budget (.D. No. H10140 Contract	11 • (502) 587-0603 • www.madlouky.org	itan Sewer Diatrict • 700 W. Liberty St., Laulaville, KY, 40203–19	mon County Metropol	Louisville and Jefft	
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MSD MIDDLE FORK BEARGRASS CREEK STREAM ENHANGEMENT PROJECT

MUNITERANO JEPETRONA COLANTA METROPOLITAN GEMER DIETRECT

CHEROKEE PARK BRIDGE #7
PLANTING TABLE

Outor 05/28/10 Drowing No. PT-301 Hosard No. 13519 Sheet 6 of 14

SEALS NA Contract No. 2010-022

Comments Plan per plan Quantity ZONE D - NORTHEAST FLOODPLAIN (0.03 acre) *PO* 1.5.2" TOTAL Size X o Botanical Name Platanus Occidentalls Common Name CALIPER TREES America Sycamora

Notes: 1. Seed Entire Area - See Seed Mix. 2. No Shrub or Container Trees in this area.

	ZONE E - SOUTHWEST FLOODPLAIN (0.55 acre)	FLOOD	PLAIN (0.	55 acre)	
Соттол Нате	Botanical Name	Key	Size	Quantity	Comments
CALIPER TREES					
Red Maple	Асегликит	AR	5 gallon	7	Spread out through area
Paw Paw	Asimina triloba	A7	3 gallon	23	Plant in groups of 5 to 7
ромшал	Carpinus caroliniana	દ	5 gallon	11	Spread out through area
Kantucky Coffeetree	Symnocladus diocus	8	5 gallon	8	Spread out through area
Black Walnut	Jugians nigra	Ŋ	5 gallon	7	Spread out through area
Sweetgum	Liquidambar stymociffus	SŢ	5 gallon	*	Spread out through area
Black Tupelo	Nyssa sylvatica	SV	5 gallon	4	Spread out through area
American Sycamore	Platanus occidentalis	õ	5 gallon	7	Plant per plan
Swamp White Oak	Quercus bloolor	80	5 gallon	4	Spread out through area
Rod Oak	Quercus rubra	ğ	5 gallon	*	Spread out through area
American Elm	Ulmus americana	\$	5 gallon	7	Spread out through area
			TOTAL	92	
SHRUBS					
Black Chokabemy	Aronia malanocarpa	AM	3 gallon	7	Plant in groups
Buttonbush	Capatralanthus occidentalis	8	3 gaillon	8	Plant in groups
Silky Dogwood	Comus amomum	ర	3 gallon	11	Plant in groups
Swamp Holly	llex decidus	QI	3 gaillon	2	Plant in groups
Virginia Willow	ttoo virginica	N	3 gallon	15	Plant In groups
Spice Bush	Lindora bonzoin	E7	3 gallon	83	Plant in groups
Pusay Willow	Saltx discolor	as	3 gallon	ĵ.	Plant in groups
Eldarbamy	Sambucus canadansis	SC	3 gaillon	11	Plant in groups
Атоммоод Удритит	Utburnum donteitum	a/	3 gallon	11	Plant in groups
			TOTAL	26	

Note: 1. Seed Entire Area - See Seed Mix.

	8	T	Γ	<u> </u>	_	1	Γ	I	_	<u> </u>	Γ	_	Γ	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	Γ	<u> </u>	_	1	1	1	Γ	_	F	П
	Ounces		4.0	8.0	3.0	12.0	16.0	64.0	16.0	8.0	8.0	4.0	143.0		1.0	1.0	1.0	2.0	1.0	0,7	1.0	1.0	1.0	1.0	1,0	1,0	13.0	192.0
SEED MIX (ALL ZONES- 1.18 acre)	Botanical Name	/SEDGES	Carex frankii	Carex tupiline	Carex turida	Carox vulpinoidea	Elymus canadansis	Elymus virginicus	Elymus riparius	Glyceria striata	Spartina pectinata	Unicola tatificitia	SUB-TOTAL		Holonium autumnala	Lobella siphilitica	Asciopias incameta	Mimutus ringens	Aster punicaus	Eupatorium parfollatum	Eupatorium purpursum	Hibiscus moscheutos	Lobella cardinalis	Constitors blents	Rudbecida Inciniata	Vorbona hastata	SUB-TOTAL	TOTAL
SEED MIX (	Common Name	PERMANENT GRASSES/SI		Common Hop Sedge	Bottlebrush Sedge	Brown Fox Sodge	Canada Wild Ryo	Virginia Wid Rya	Streambank Wild Rye	Fowl Manna Grass	Prairie Cord Grass	Spanglegrass		FORBS	Autumn Sneezewood	Great Blue Lobella	Swamp Milkwood	Monkey Flower	Swamp Aster	Bonesst	Joe-pye Weed	Rose Mallow	Cardinal Flower	Evening Primose	Galdenglow	Blue vervain		

Annual Ryo	Lollum muttificarum	1888.0
Foxtail Millet	Setario italica	1888.0
	TOTAL	3776.0

Note: If Permanent Seeding Occurs After Allowable Planting Ilme Periods, Add Temporary Cover To The Permanent Grass Seed Mix.

CONSTRUCTED BY PLANS PREPARED AND SUBMITTED BY: Stantoe Consulting Services Inc.
1001 Noise Lizer Pyr.
1001 Noise Lizer Pyr.
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www.efentes.com

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MSD MIDDLE FORK BEARGRASS CREEK

County Metropolitan Sewer District • 700 W. Liberty St., Louisvilla, KY. 40203-1911 • (302) 397-0803 • www.msdoulky.org Louisville and Jefferson

Preference Copperate See

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NAME OF THE PERSON

NO DATE

% Pure Live Seed

Min. % Acceptable Seed

Application Rate Lbs./Acre

Batanical Name

Common Name

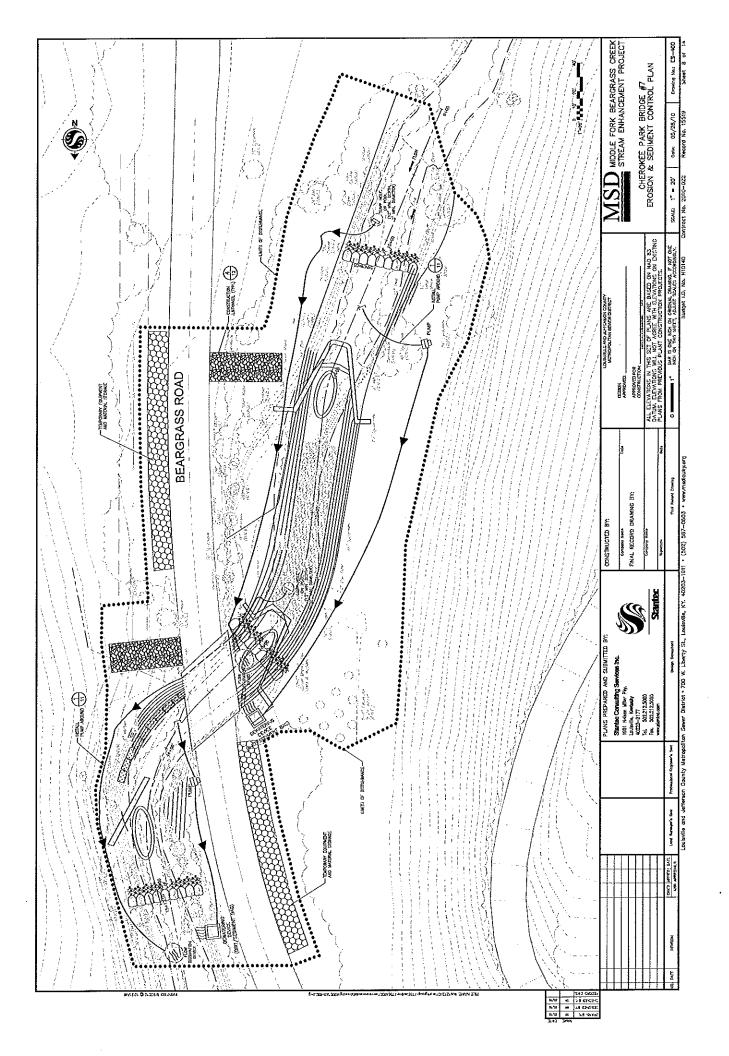
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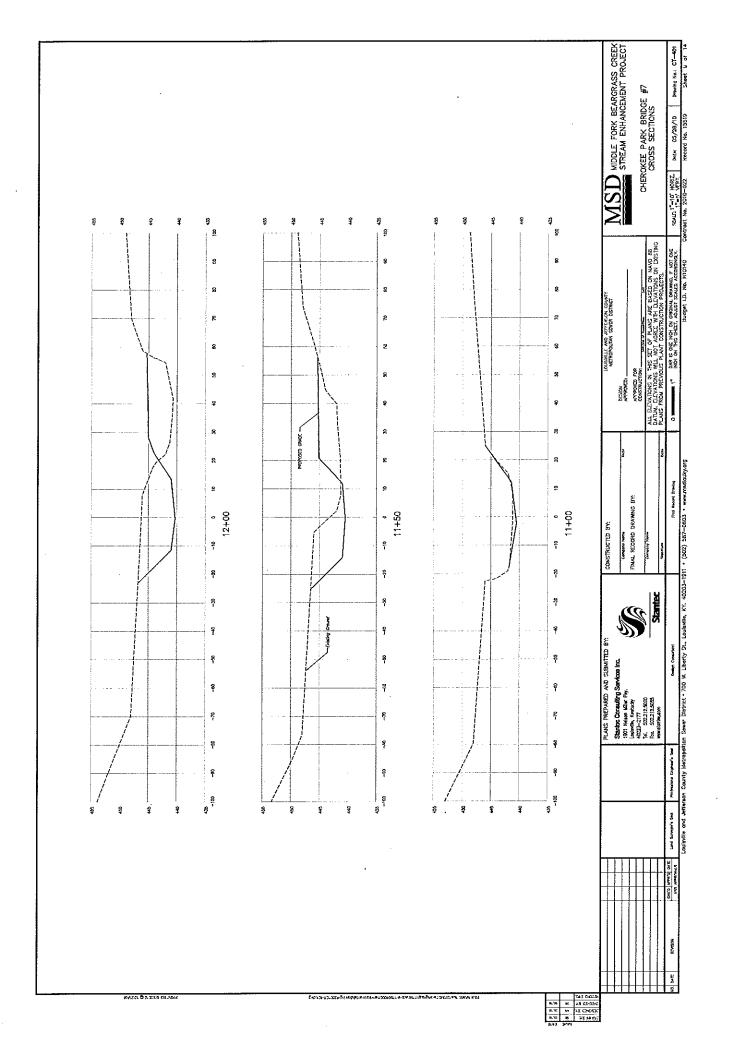
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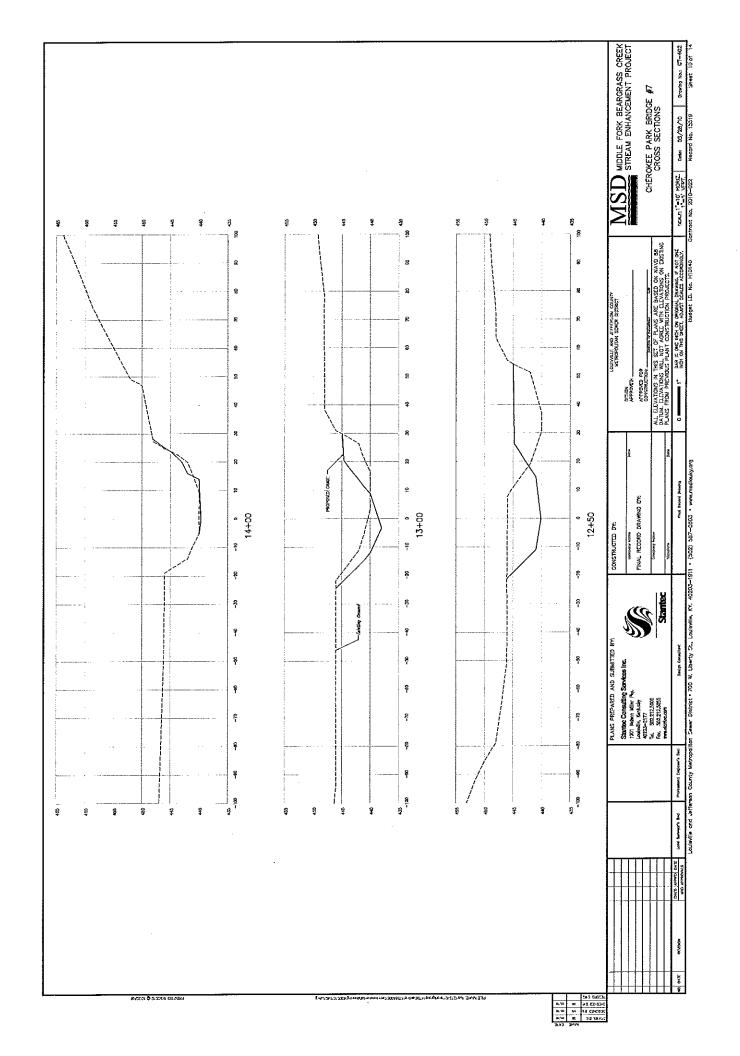
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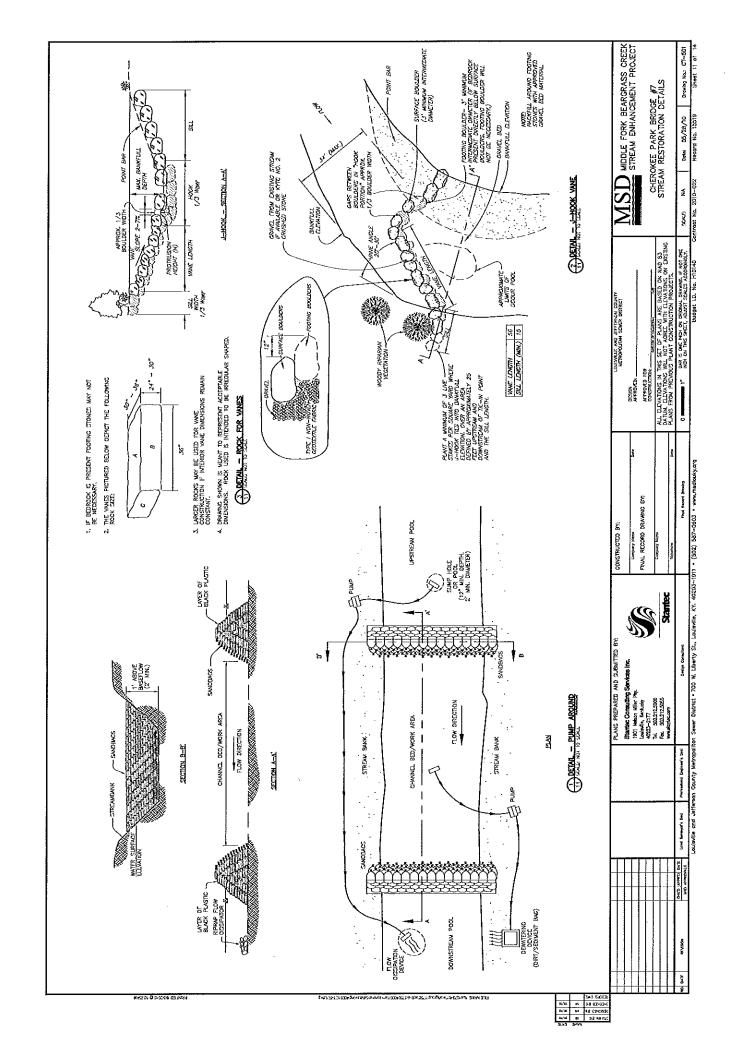
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Lolum perenne

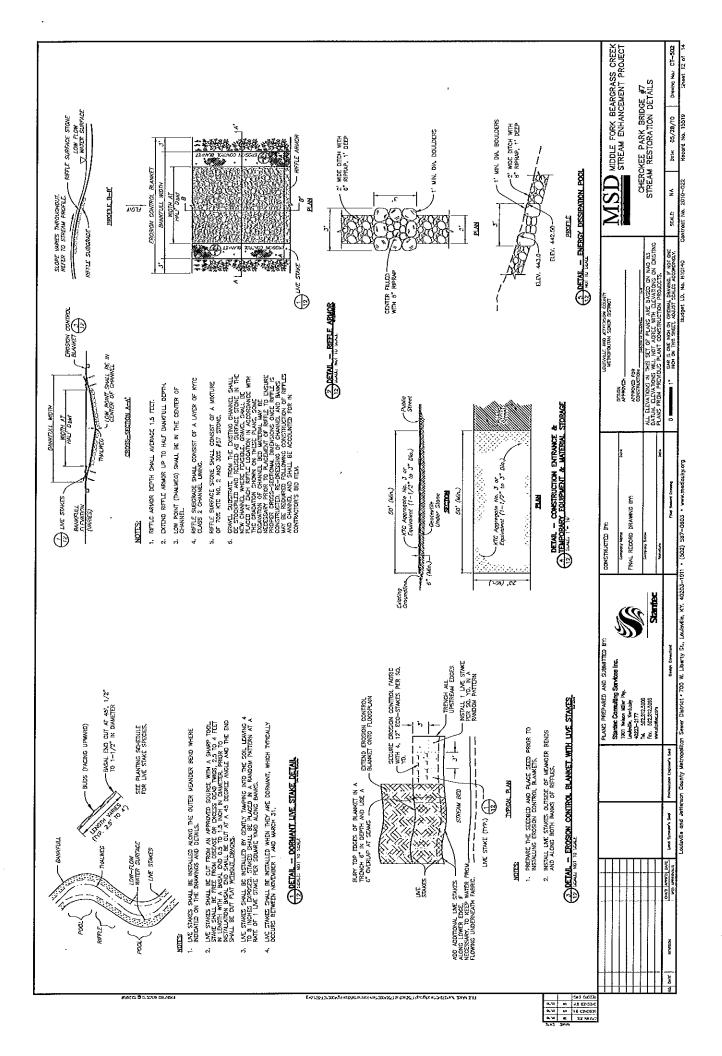
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Perennial Ryegnass

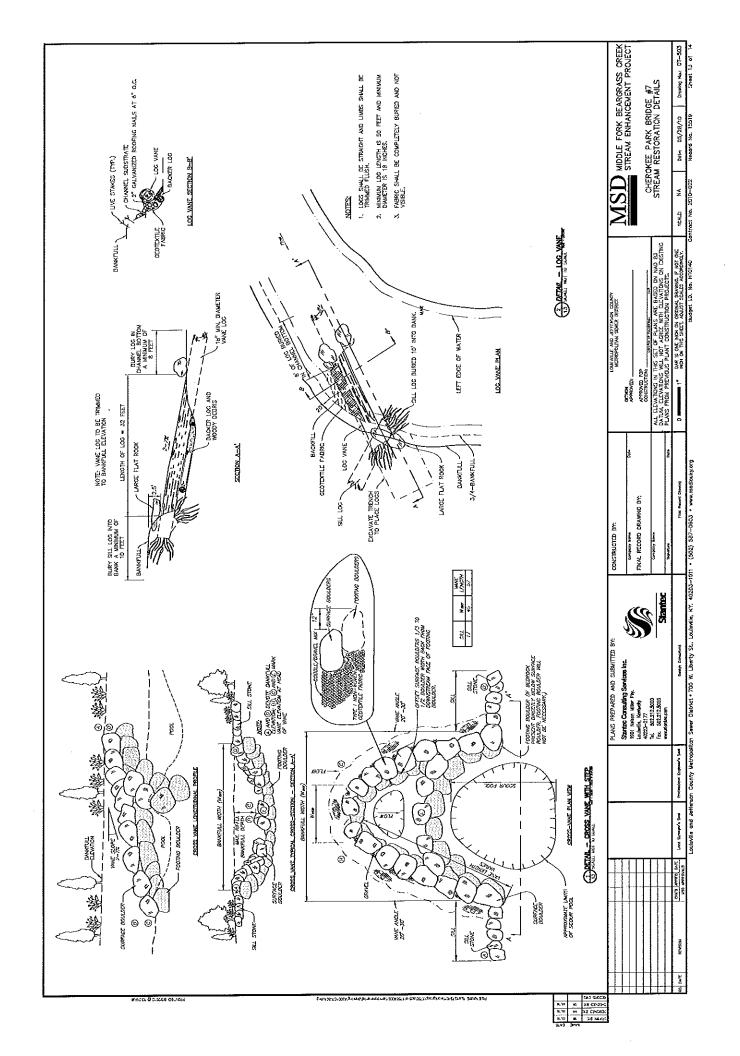


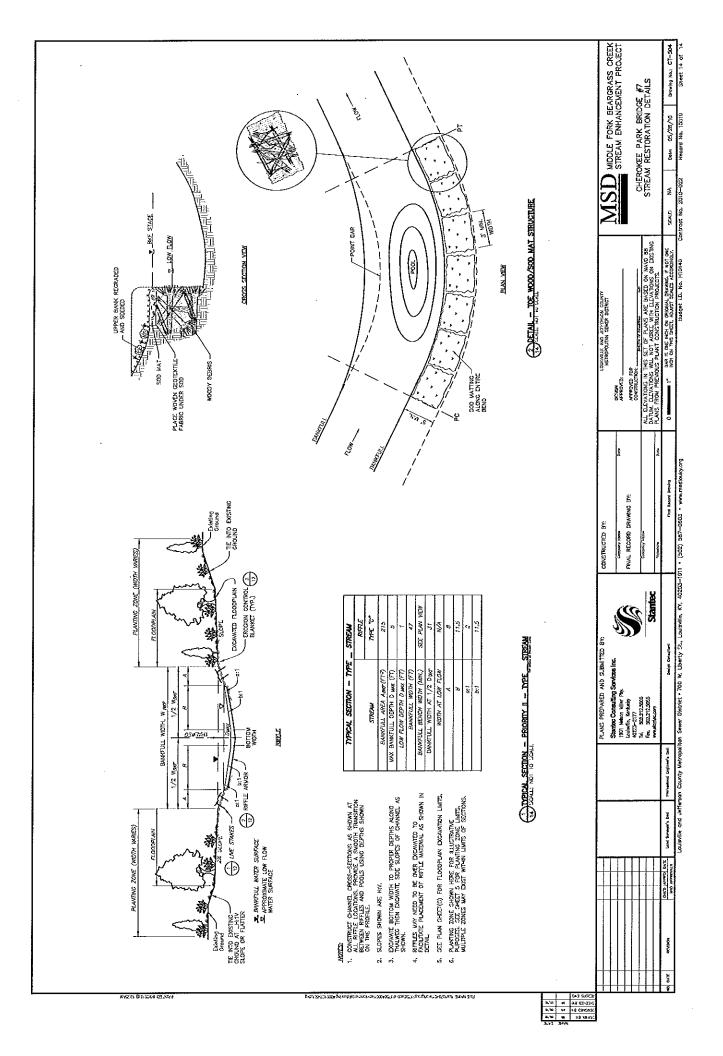












# Appendix C Itemized Construction Cost

Itemiz	ed Construc	tion Cost			
ltem	Unit	Quantity	Unit Price	Item Cost	
Construction Entrance	EA.	2	\$1,400.00	\$2,800.00	
Pull Off Areas	EA.	2	\$2,445.00	\$4,890.00	
Clearing/Grubbing	L.S.	1	\$11,915.00	\$11,915.00	
Construction Staking	L.S.	1	\$800.00	\$800.00	
Excavation/Filling	C.Y.	2,100	\$11.00	\$23,100.00	
Erosion Control Blanket	S.Y.	1,360	\$3.75	\$5,100.00	
Riparian Seed Mix	LBS.	25	\$245.00	\$6,125.00	
Turf Seed Mix	LBS.	525	\$9.00	\$4,725.00	
Live Stakes	EA.	788	\$7.50	\$5,910.00	
Trees and Shrubs (3 gallon container)	EA.	163	\$45.00	\$7,335.00	
Balled and Burlapped Trees (1.5-2" caliper)	EA.	41	\$195.00	\$7,995.00	
Trees and Shrubs (5 gallon container)	EA.	55	\$80.00	\$4,400.00	
Cross Vanes	EA.	1	\$11,665.00	\$11,665.00	
J-Hooks	EA.	1	\$8,745.00	\$8,745.00	
Wood Toe Sod Mat	L.F.	76	\$122.00	\$9,272.00	
Log Vane/Rootwad Combinations	EA.	1	\$3,530.00	\$3,530.00	
Constructed Riffles	EA.	1	\$9,700.00	\$9,700.00	
Silt Fence	L.F.	1,200	\$4.00	\$4,800.00	
Temporary Seeding	LBS.	250	\$6.00	\$1,500.00	
Pump-Around	EA.	2	\$4,035.00	\$8,070.00	
Signs	EA.	1	\$1,200.00	\$1,200.00	
Subtotal				\$143,577.00	
*Change Order for Additional LBL/WT				\$23,770.00	
Mobilization/Demobilization	L.S.	1	\$6,400.00	\$6,400.00	
Bonds	L.S.	1	\$2,250.00	\$2,250.00	
		***		\$175,997.00	

<sup>\*</sup>accounts for the replacing wood toe sod mat with live brush layering with wood toe and additional live brush layering at the downstream end of the site



## **PORTLAND ELEMENTARY SEP**



#### Portland Elementary School

3410 Northwestern Parkway Louisville, Kentucky 40212 (502) 485-8313 Fax: (502) 485-8631



Final Report for Portland Elementary EPA/SEP August 2010

# **Detailed Description of SEP**

Portland Elementary is an urban school located on one block in a neighborhood where many families live at or near the poverty level. As a newly created Magnet for Environmental Studies, we are working to change the way we teach children. Teachers will use the outdoors to increase student learning. Our green space is very limited; there are pockets of land around the perimeter of the school and in the corners. Through community and school meetings led by a design team from the University of Louisville, plans were drawn to turn these pockets of land into native habitats. As a Title 1 School, there is little money for field trips. With an outdoor classroom, students will become engaged daily with mini fieldtrips in their school environment. This will develop a deep understanding of the natural world and how it relates to them.

We have completed the shade and water garden part of our outdoor classroom. This includes planting native deciduous trees, berry bushes, along with ferns, hostas, lilies, irises, ect. Students will build a variety of nest boxes and feeders to attract a variety of birds. The water feature involves a spring running into a short stream bed and flowing into a pond. Providing these necessary elements for organisms' survival will invite wildlife into our schoolyard to investigate. Students will research what grows in a shade and water environment to select native plants appropriate for survival there. All areas of the curriculum will be used in the shade and water environment. Investigations are limitless. This project will help attract and grow a diverse array of organisms that will enhance students' learning experiences. Ten minute field trips to the outdoor classroom have been designed for teachers to use as

#### **Portland Elementary School**

3410 Northwestern Parkway Louisville, Kentucky 40212 (502) 485-8313



Fax: (502) 485-Extensions and support to existing curriculum. Biodiversity will be an important part of our outdoor investigations showing interrelationships and interdependence of different species of plants and animals.

This project is being led by the Environmental Coordinator of Portland Elementary School. The coordinator is collaborating with environmental science leaders in the community and nationally to develop a curriculum that integrates all subjects into the outdoor classroom. These lessons will become a national model to be field tested at Portland and used with the FOSS Science Modules implemented in JCPS and throughout the US.

# **Operating Problems**

Portland has encountered scheduling problems with Jefferson County Public Schools in getting this part of the outdoor classroom implemented. It was scheduled to have the blacktop in this part of the schoolyard removed, to begin work on the pond, in late spring and early summer 2010. Because of the size of JCPS and the many projects they are working on, delays occurred which put our project off schedule. We had to work quickly at the last minute to complete this project on time. The Environmental Coordinator contacted MSD's Landscape Restoration Specialist who then contracted with Branching Streams LLC. to get project installed in time for the start of school.

Itemized Costs

See appendix

**Certification** See appendix

3410 Northwestern Parkway Louisville, Kentucky 40212 (502) 485-8313 Fax: (502) 485-8**Benefits** 

- 1) Learning core content through hands-on experiences and building an appreciation for nature.
- 2) Experience biodiversity in the shaded/pond habitat with native plants. There isn't a pond environment in the immediate area for students to investigate. This will bring additional species into the schoolyard that are lacking due to survival needs. Students will observe species they have never seen before. What a strong impact on learning this will make.
- 3) Understanding the importance of community service. Students will be actively involved in planting and maintaining the schoolyard and will continue into the neighborhood to make a positive impact there.
- 4) Promote positive behavior. When students are regularly exposed to nature, they will experience a healing effect emotionally and physically.
- 5) Healthier lifestyle. Once students have more positive experiences outdoors, they will want to spend more time there instead of watching tv.
- 6) Increased parent and neighborhood involvement at school. This project will provide an opportunity to include parents and neighbors in the process of planting around the pond and other areas of the schoolyard. This will provide ownership and will increase our PTA membership which is very limited.
- 7) Improved retention of material and test scores. When students are learning in a natural environment instead of just reading about science, information is more fully understood. Students will feel more successful and their grades will improve. By the end of this school year approximately 300 students and staff will experience outdoor learning through these new outdoor areas.

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## POND CREEK STREAM RESTORATION





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

May 19, 2011

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

Jeff Cummins, Acting Director Division of Enforcement Department of Environmental Protection 300 Fair Oaks Lane Frankfort, KY 40601

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

Subject:

Supplemental Environmental Project – Pond Creek Stream Restoration

SEP Completion Report

Civil Action No. 3:08-cv-00608-CRS

#### Attention Chiefs and Director:

Please find attached our Pond Creek Stream Restoration SEP Completion Report, prepared in accordance with Paragraph 34 of our Amended Consent Decree. This report provides background and project specific information associated with the Pond Creek Stream Restoration Project located within Jefferson County, Kentucky.

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,

W. Brian Bingham

Regulatory Services Director

Pond Creek - Completion Report Letter.doc

cc:

H. J. Schardein, Jr.

Paula Purifoy

Laurence J. Zielke

John Loechle





# SEP COMPLETION REPORT

# POND CREEK STREAM RESTORATION PROJECT JEFFERSON COUNTY, KENTUCKY

Prepared for:

LOUISVILLE/JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

May 2011

#### SEP COMPLETION REPORT

# POND CREEK STREAM RESTORATION PROJECT JEFFERSON COUNTY, KENTUCKY

#### Submitted to:

# LOUISVILLE/JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

### Prepared by:

REDWING ECOLOGICAL SERVICES, INC.

Bradley M. Anderson, P.E.

Project Engineer II

Ronald I. Thomas

Principal

Senior Ecologist

#### **EXECUTIVE SUMMARY**

The purpose of the Pond Creek Stream Restoration Project was to conduct a Supplemental Environmental Project (SEP) under the Louisville/Jefferson County Metropolitan Sewer District's negotiated Consent Degree with the U.S. Environmental Protection Agency. The project included stream channel and riparian corridor restoration in the Pond Creek watershed. Natural channel morphology and functions were restored to a degraded intermittent stream and invasive bush honeysuckle (Lonicera maackii) was removed along a wooded portlon of the Pond Creek riparian zone.

Stream restoration activities were accomplished on an existing 1,788-foot poor quality intermittent tributary to Pond Creek that was severely incised and entrenched with vertical eroding banks throughout much of the restoration reach. Completed stream restoration activities include in-channel modifications and bank regrading along the lower 670 linear feet of the stream and the construction of a new channel with floodplain in the upper 1,220 feet of stream. The project also involved the restoration of two intermittent and two ephemeral tributaries to the main intermittent stream. Once the stream restoration activities were complete, the riparian corridors were planted with native tree, shrub, and herbaceous species. The stream restoration activities were successfully completed from late November 2010 to early March 2011.

Riparian restoration activities involved the removal of bush honeysuckle from a 500-foot wide corridor along 1,200 feet of the left bank of Pond Creek. Prior to the removal activities bush honeysuckle dominated the understory and prevented native tree, shrub, and herbaceous species from becoming established. The bush honeysuckle removal activities were successfully completed from early February to early March 2011.

#### **TABLE OF CONTENTS**

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XECUTIVE SUMMARYii
.0 EXISTING SITE CONDITIONS
.0 PROJECT DESIGN
.0 PROJECT IMPLEMENTATION
.0 PROJECT COSTS15
.0 PROJECT BENEFITS
.0 CONCLUSION
.0 REFERENCES18

APPENDIX A – Stream Restoration Construction Plans (11"x17")

#### 1.0 INTRODUCTION

The Pond Creek Stream Restoration Project (Project) was conducted as a Supplemental Environmental Project (SEP) under the Louisville/Jefferson County Metropolitan Sewer District's (MSD's) negotiated Consent Degree with the U.S. Environmental Protection Agency (USEPA). The Project involved two phases: 1) the restoration of a degraded intermittent tributary to Pond Creek and 2) riparian restoration along a wooded portion of the Pond Creek corridor. The Project is located on the south and north sides of

the Gene Snyder Freeway, approximately 1.5 miles southwest of Stonestreet Road in southwest Jefferson County, Kentucky (Figure 1).

The stream restoration activities were accomplished along an existing 1,788-foot poor quality intermittent tributary to Pond Creek. The channel was severely incised and entrenched. and exhibited vertical eroding throughout much of the proposed restoration reach. The completed stream restoration activities included in-channel modifications and bank regrading along the lower 670 linear feet of the project reach, and the construction of a new channel with floodplain in the upper 1,220 feet of the project reach. The project also involved the restoration of two intermittent tributaries totaling 234 feet and two ephemeral tributaries totaling 73 feet. Once the stream restoration construction activities were complete, the riparian corridor was planted with native tree, shrub, and herbaceous species.

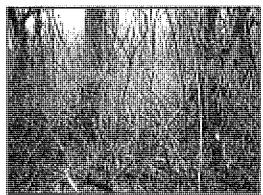
The riparlan restoration activities associated with the Project involved the removal of bush honeysuckle (Lonicera maackii) from an approximate 500-foot wide corridor along 1,200 feet of the bank of Pond Creek. Prior to the project, the bush honeysuckle dominated the understory, preventing the establishment of the native trees, shrubs, and herbaceous of species.



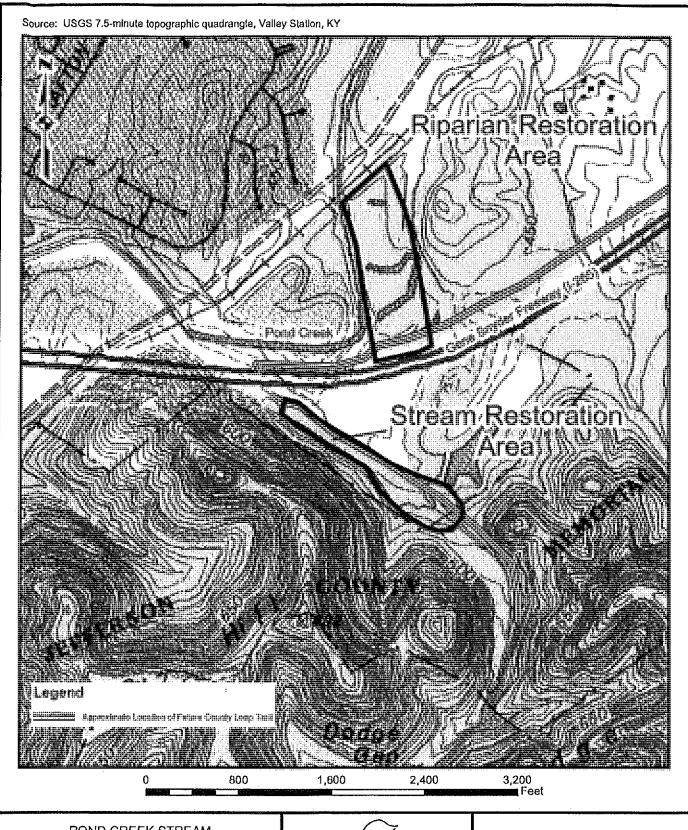
Entrenched intermittent stream prior to restoration



Riffical pools in realized behand that three is



Rigarian carridor prior la casteration



POND CREEK STREAM RESTORATION PROJECT JEFFERSON COUNTY, KENTUCKY

FILE: Redwing/09-071/Figures/SEP Project Site Location REDWING PROJECT 09-071

PRINT DATE 5/16/11

DRAWN BY JMR/LEH



SITE LOCATION MAP

FIGURE 1

#### 2.0 EXISTING SITE CONDITIONS

The existing site conditions for the stream restoration and riparian restoration components of the Project are discussed in the following sections.

#### 2.1 STREAM RESTORATION SITE

The stream restoration portion of the Project is located in an alluvial valley (Valley Type VIII) within the Salt River Basin (HUC8-05140102). It drains a watershed of approximately 0.33 square mile (210 acres) that is dominated by deciduous forest habitat (Figure 2).

During site assessments on December 14 through 16, 2009, the streams within the project area were at low flow conditions. Intermittent Stream 1 is depicted as an intermittent blue-line stream on the USGS 7.5-

minute topographic quadrangle map (Figure 1). It has been severely impacted by the establishment of an access road located along its bank, resulting in a straightened and channelized stream, that was deeply incised and entrenched, with bank heights reaching six feet in areas (Figures 3 and 4). The intermittent stream exhibited varying bankfull slopes ranging from 0.8 to 2.7%, separated by distinct headcuts. The stream was categorized as a G4c stream type as described by Rosgen (1996).



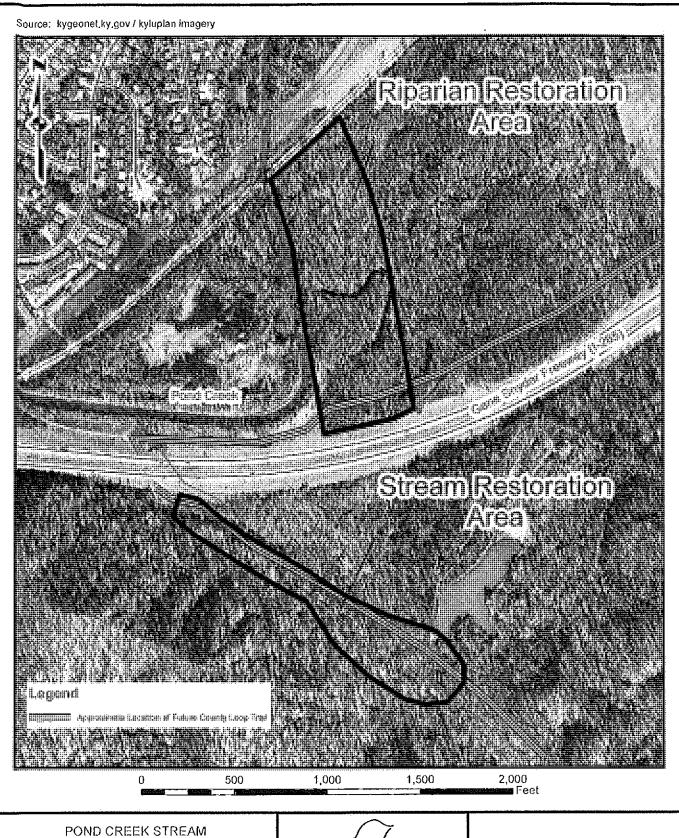
Enterched, shalightered shaun prior to restoration

Due to the incised/straightened stream channel and steep slopes, the bankfull critical dimensionless shear

stress for the stream was calculated to range from 0.38 pounds per square feet (lbs/ft²) to 0.53 lbs/ft², which was predicted to move particle sizes between 75 millimeters (mm) and 95 mm, respectively. The largest particle observed within the riffles for Intermittent Stream 1 was 128 mm; however, the D95 was 32 mm and the D84 was 20.2 mm. As indicated by the sediment transport competency assessment, the stream lacked sufficient riffle habitat to provide vertical stability and was downcutting, which resulted in the deeply incised G4 stream type.



Central portion of stream prior to restoration



POND CREEK STREAM RESTORATION PROJECT JEFFERSON COUNTY, KENTUCKY

FILE: Redwing/09-071/Figures/SEP Project Aerial

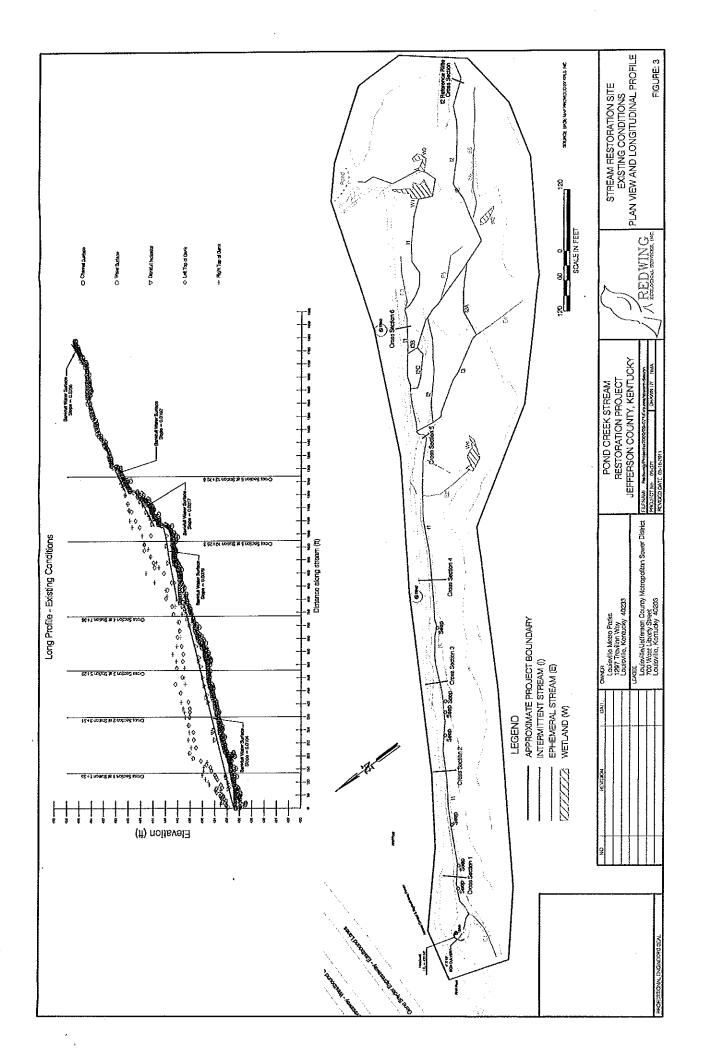
**REDWING PROJECT 09-071** 

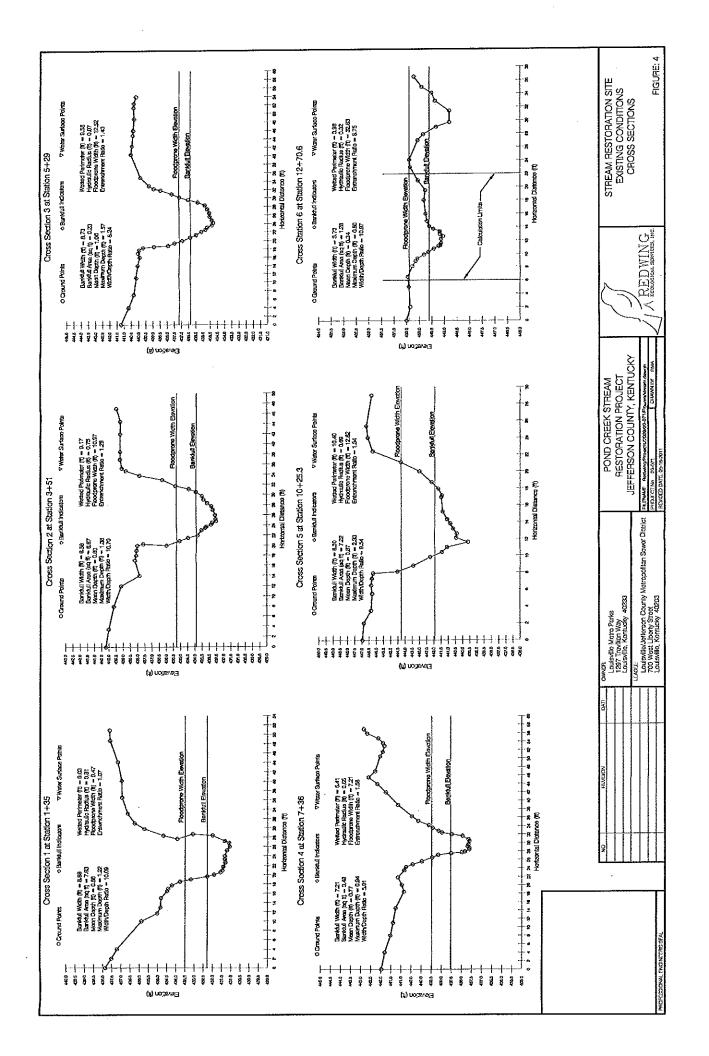
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AERIAL PHOTOGRAPH

FIGURE 2

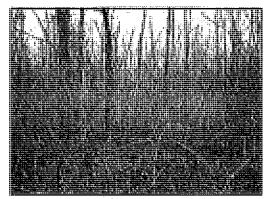




The USEPA's Rapid Bioassesment Protocol (RBP) methodology, as described by Barbour et al. 1999, was used to assess the existing reach in terms of in-stream and riparian habitat quality. Scoring and data results were interpreted using the Bluegrass Bioregion headwater stream criteria described in KDOW's Methods for Assessing Biological Integrity of Surface Waters in Kentucky (KDOW 2008). The lower, middle, and upper sections of Intermittent Stream 1 scored 103, 122, and 100, respectively. This characterizes the stream as 'not supporting its designated use' or 'Poor' quality (scores of 0 to 141), using the KDOW criteria. The major contributing factors to the low score for the reach were lack of epifaunal substrate, lack of velocity/depth regimes, lack of vegetative protection of streambanks, and bank instability.

#### 2.2 RIPARIAN RESTORATION SITE

Prior to the project activities, bush honeysuckle dominated the understory within the riparian restoration area. The removal area contains an abandoned ox-bow of Pond Creek and several wooded wetlands in low-lying depressions (Figure 2). Although it had the potential to be a high quality riparian forest, the dense growth of bush honeysuckle prevented native trees, shrubs, and herbaceous species from becoming established.



Riparian corridor prior to restoration

#### 3.0 PROJECT DESIGN

The selected project designs were based on an analysis of detailed data collected from various field studies and determining the activities required to meet the goals of the Project. Designs for the stream restoration and riparian restoration components of the Project are discussed in more detail below.

#### 3.1 STREAM RESTORATION DESIGN

The stream restoration design was prepared in accordance with the *Draft Stream Mitigation Guidelines* (KDOW, 2002b) and followed accepted natural channel design methodologies. Channel geometry for the proposed intermittent restoration/creation reaches were based on reference reach conditions that were sized to accommodate existing flows and substrate compositions within the streams. The stream restoration design for Intermittent Stream 1 was developed in three distinct reaches: the lower 670 feet; the middle 920 feet; and the upper 300 feet of channel. Stream design also included the intermittent and ephemeral tributaries to Intermittent Stream 1 and the riparian corridor along the restored channels. Each of these distinct project components and the selected design criteria are discussed in more detail below.

#### 3.1.1 Lower Restoration Reach of Intermittent Stream 1

Due to the restrictions of the access road along the right bank and the narrow valley through this portion of the stream, all restoration activities were conducted in-channel. Restoration activities involved the establishment of riffles at regularly spaced intervals, the creation of pool features between the established riffles, and the regrading of streambanks to stable bank slopes. The plan view and longitudinal profile for the restored stream, including in-stream structures, are presented on Sheet 3 in Appendix A. Typical cross sections for this section of the restored channel are shown on Sheet 6 in Appendix A. The restored channel is approximately 10.0 feet wide at the bankfull stage with a mean depth in the riffles of 0.9 foot and a mean depth of 1.8 feet in pools. The bankfull water surface slope remained approximately 1.05%.

Based on the geometry of the proposed typical riffle cross section for this reach, a bankfull critical dimensional shear stress of 0.58 lb/ft<sup>2</sup> was calculated. This is capable of moving a particle size of 102 mm (approx. 4.0 inches) based on Rosgen's modification of the Shields curve for threshold of motion. The proposed typical cross section for this restoration reach was also evaluated at the 5, 10, 50 and 100 year flood levels, which resulted in calculated critical dimensional shear stresses of 1.10, 1.19, 1.39, and



Killietuuri leuteras tu liceau rentursikuu reach

#### 1.45 lb/ft2, respectively.

These calculated shear stress values are capable of moving particle sizes of 105, 182, 338, and 388 mm (4.1, 7.2, 13.3, and 15.3 inches), respectively. However, the 100-year flood elevation for Pond Creek is 440 which would completely submerge this entire restoration reach, resulting in a backwater effect; therefore, the riffle materials were sized to handle a 50-year flood with the mean diameter of the riffle material being greater than 14 inches. Due to the large size of the proposed riffle material, smaller material with a mean diameter of two to three inches was placed across the face of the constructed riffles to fill in the voids. Three rock cross vanes were also constructed through this reach to help maintain vertical channel stability and protect streambanks. A detail of the rock cross vane is provided on Sheet 8 in Appendix A.

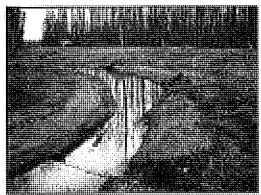
#### 3.1.2 Middle Creation Reach of Intermittent Stream 1

A plan view and longitudinal profile of the created stream, including in-stream structures, are presented on Sheets 3 and 4 in Appendix A. Typical cross sections for the created channel are shown on Sheet 6 in Appendix A. The created channel is approximately 10.0 feet wide at the bankfull stage with a mean depth in the riffles of 0.70 foot and a mean depth of 1.5 feet in the pools. The total length of this middle reach and the upper reach increased approximately 103 feet, thereby decreasing the channel slope from 1.81% to 1.55%.

Based upon the proposed slope of this middle design reach and the proposed typical riffle cross section, the bankfull critical dimensional shear stress was calculated to be 0.66 lb/ft², which is capable of moving a 112 mm (4.4 inch) particle. The proposed typical cross section for this creation reach was also evaluated at the 5, 10, 50 and 100 year flood levels, which resulted in calculated critical dimensional shear stresses of 1.22, 1.34, 1.18, and 1.30 lb/ft², respectively. These calculated shear stress values are capable of moving particle sizes of 202, 304, 170, and 265 mm (7.9, 11.9, 6.7, and 10.4 inches), respectively. Substrate particles of appropriate size and type were imported to the site to ensure proper sediment transport dynamics. Based upon the shear stress analysis above, riffle material with a mean diameter of

12 inches was utilized within this creation reach. Due to the large size of the proposed riffle material, smaller material with a mean diameter of two to three inches was placed across the face of the constructed riffles to fill in the voids.

The location of the existing access road along the right side of the creation reach and the encroaching hill slope on the left side of the channel necessitated the construction of two



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meander bends in portions of the former channel. There were also several crossings of former tributaries to Intermittent Stream 1. To ensure that stream flows do not abandon the new channel, plugs were installed in the old streams where they intersected or were in close proximity to the created channel. The channel plugs were constructed of root wads. Log vanes were also constructed to help protect the outside streambanks within three meander bends. A detail of the channel plug and the log vane is included on Sheet 8 in Appendix A.

#### 3.1.3 Upper Creation Reach of Intermittent Stream 1

A plan view and longitudinal profile of the created stream, including in-stream structures, are presented on Sheet 4 in Appendix A. Typical cross sections for the created channel are shown on Sheet 6 in Appendix A. The created channel is approximately 5.0 feet wide at the bankfull stage with a mean depth in riffles of 0.4 foot and a mean depth of 0.9 foot in pools. As stated in the section above, the total length of this middle reach and the upper reach increased approximately 103 feet, thereby decreasing the channel slope from 1.81% to 1.55%.

Based upon the slope of this upper design reach and the typical riffle cross section, the bankfull critical dimensional shear stress was calculated to be 0.39 lb/ft², which is capable of moving a 76 mm (3.0 inch) particle. The proposed typical cross section for this creation reach was also evaluated at the 5, 10, 50 and 100 year flood levels, which resulted in a maximum critical dimensional shear stress of 0.90 lb/ft² at the five-year flood flow due to the available floodplain adjacent to this creation reach. This maximum

calculated shear stress value is capable of moving a 141 mm (5.5 inch) particle. Substrate particles of appropriate size and type were imported to the site to ensure proper sediment transport dynamics. Based upon the shear stress analysis above, riffle material with a mean diameter of six inches was utilized within this proposed creation reach. Due to the large size of the proposed riffle material, smaller material with a mean diameter of two to three inches was placed across the face of the constructed riffles to fill in the voids.



Restored/created upper reach of Intermittent 1

The bankfull slope through this reach necessitated the construction of a portion of this channel within fill material. Therefore, appropriately sized riffle material and several cross vanes were constructed to maintain grade control and protect channel banks. The location of these in-stream structures are depicted on Sheet 4 in Appendix A with details shown on Sheet 8 in Appendix A.

#### 3.1.4 Tributaries to Intermittent Stream 1

Two intermittent tributaries were relocated/restored in order to create appropriate confluences with

Intermittent Stream 1. A plan view of these channel creation reaches is shown on Sheet 7 in Appendix A. Typical cross sections for the created intermittent tributary channels (Intermittent Streams 2 and 3) are also shown on Sheet 7 in Appendix A.

The created portion of intermittent Stream 2 has a bankfull width of approximately 6.5 feet and mean riffle and pool depths of 0.45 foot and 0.95 foot, respectively. The created Intermittent Stream 3 channel is approximately 4.0 feet



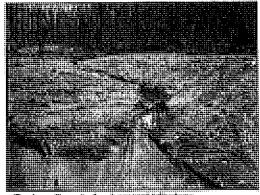
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wide at the bankfull stage with a mean depth in riffles of 0.35 foot and a mean depth of 0.75 foot in pools. The bankfull slope for each of the intermittent streams are 1.69% and 1.06% respectively.

Based upon an analysis of the expected critical dimensional shear stresses to be encountered within the created stream reaches for Intermittent Streams 2 and 3, riffle materials with mean diameters of 10 inches and six inches, respectively, were utilized. Due to the large size of the proposed riffle material, smaller

material with a mean diameter of two to three inches was placed across the face of the constructed riffles to fill in the voids.

Two ephemeral tributaries (Ephemeral Streams 2 and 6) were also created. Step-pool features were used to connect these streams to the downgradient intermittent stream. Details for the ephemeral creation reaches are shown on Sheets 7 and 8 in Appendix A.



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#### 3.1.5 Riparian Corridor Re-establishment

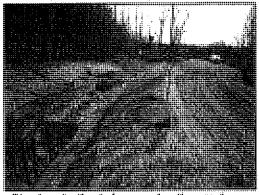
The riparian zones along the restored/created stream channels were restored to wooded habitat. The goal of the vegetation planting plan was to provide bank stabilization, to shade the stream channel, and to provide high quality wooded riparian habitat. Two zones were planted along the created and restored streambanks, including: a streambank planting zone (Zone A) and an upland riparian planting zone (Zone B). Sheet 8 in Appendix A depicts the proposed planting areas and a typical streambank planting plan cross-section detail.

Due to the presence of wooded habitat throughout the project site, only disturbed areas were planted with herbaceous seed and tree/shrub species.

Herbaceous Seeding: Immediately following construction of the created and restored stream channels, the streambanks and other disturbed areas were seeded with a mix of groundcover species recommended in KDOW's 2002 *Draft Stream Mitigation Guidelines*. To maximize bank stabilization and promote seed germination, a coconut fiber blanket or comparable erosion control matting was installed on each streambank to cover the seed mix. Native species appropriate to the site and planting season were seeded in disturbed areas following restoration and creation activities. A list of the species planted at the site is presented in Table 2, on Sheet 9 in Appendix A.

Streambank Planting (Zone A): Zone A, an approximately 10-foot wide band located upgradient of the bankfull elevation (Sheet 9 in Appendix A), was only utilized along the created and restored intermittent stream channel areas. Following seeding activities and installation of the erosion control matting, Zone A was planted with three-gallon containerized tree and shrub species at a rate of 60 stems per acre (approximate 27-foot spacing). A minimum of five species from Table 3, on Sheet 9 in Appendix A were alternated during planting. No one species exceeded 25% of the total planting. The selected species were chosen for their quick growth habit, to provide streambank stability and shading to the restored stream.

Upland Riparian Planting (Zone B): Following seeding activities and installation of the erosion control matting, all disturbed areas within Zone B (Sheet 9 in Appendix A) were planted with three-gallon containerized tree and shrub species at a rate of 60 stems per acre (27-foot spacing). Trees and shrubs were planted in the first dormant period (late winter/early spring) following construction activities. A minimum of five tree and three shrub species from Table 4, on Sheet 9 (Appendix A) were alternated with no one species exceeding 25% of the total planting.

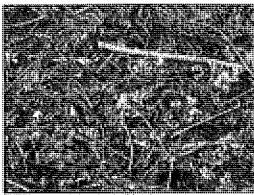


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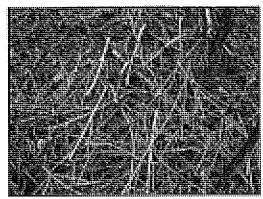
#### 3.2 RIPARIAN RESTORATION

A 500-foot wide corridor along 1,200 feet of Pond Creek with dense bush honeysuckle growth was selected for riparian restoration. The selected treatment/removal method for bush honeysuckle involved cutting the stem within six inches of the ground surface and applying a glyphosate herbicide solution (25% concentration) to the top of the cut stem. All work was conducted by a commercial herbicide applicator licensed with the Kentucky Department of Agriculture. A dye was added to the herbicide to help identify the stems that had been treated.

Due to the limitations of vehicular access to the site the woody stem/twig debris generated from the bush honeysuckle removal activities was cut into sections less than four feet in length and scattered on the ground surface.



Treated bank homesexchia blanca



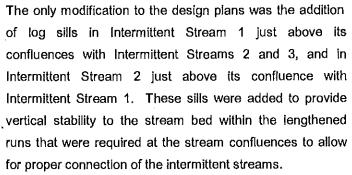
Cut and dispensed bush honeysuckle stems

#### 4.0 PROJECT IMPLEMENTATION

Required project activities including stream and riparian restoration were conducted in late 2010 and early 2011 as discussed in more detail below.

#### 4.1 STREAM RESTORATION IMPLEMENTATION

Stream restoration activities were completed by Advanced Paving and Construction Company, Inc. from late November 2010 to early March 2011. The construction activities began at the upstream limit of the project reach and moved downstream. The stream creation and restoration activities were completed in accordance with the Stream Restoration Construction Plans (Appendix A).



Additional native trees and shrubs were also planted along the stream restoration and creation reaches. An additional 121 containerized trees and shrubs were planted, resulting in a planting density of 108 trees/shrubs per acre.

#### 4.2 RIPARIAN RESTORATION IMPLEMENTATION

The riparian restoration activities were completed by Native Scapes, Inc. from early February to early March 2011. The removal and treatment activities were completed in accordance with the specified procedures (Section 3.2).



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#### **5.0 PROJECT COSTS**

The total cost for the Project including the stream and riparian restoration activities was \$223,736.50. Stream restoration/creation activities totaled \$211,136.50, which included the original contract price of \$193,000 and a change order for \$18,136.50. The change order covered the installation of six log sills and planting additional trees and shrubs. Riparian restoration activities totaled \$12,600. There were no additional charges or change orders associated with the riparian restoration.

#### 6.0 PROJECT BENEFITS

The present demand for commercial, industrial, and residential developable and within the Pond Creek watershed has resulted in both direct and indirect impacts to streams in the form of relocated/straightened channels, increased storm flows, reduced wooded riparian zones and increased pollutant inputs. Past agricultural land uses have also resulted in stream degradation through channelization, wooded riparian corridor removal, and runoff from cultivated fields. Based on the historic loss/degradation of stream habitat due to these land use practices, the restoration of stream functions within the Pond Creek watershed is critical to help maintain and restore natural ecological functions, flood attenuation, water quality, and wildlife habitat.

The benefits of the completed stream restoration/creation activities include: a stable stream channel with proper hydrologic function; increased biological integrity; increased habitat quality for aquatic, terrestrial and avian fauna; increased aesthetic value; and reduced sediment inputs into Pond Creek. The riparian restoration activities will allow native trees, shrubs, and herbaceous species to become established in the understory and thus promote wildlife habitat and surface stability. The Project also provides increased opportunities for outdoor education and recreation due to its location on Metro Parks property and adjacent to the proposed Louisville Loop county trail (Figure 2).

#### 7.0 CONCLUSION

The designed stream and riparian restoration Project activities were completed in early March of 2011 and focused on the restoration of a severely degraded intermittent tributary to Pond Creek to a stable self-sustaining stream system. The benefits of the completed stream restoration activities include: a stable stream channel with proper hydrologic function; increased biological integrity; increased habitat quality for aquatic, terrestrial and avian fauna; and increased aesthetic value. In addition, the riparian restoration activities will allow native tree, shrub, and herbaceous species to become established in the understory improving the wildlife habitat and stability within the Pond Creek corridor. The Project also provides increased opportunities for outdoor education and recreation due to its location on Metro Parks property and its close proximity to the proposed Louisville Loop trail.

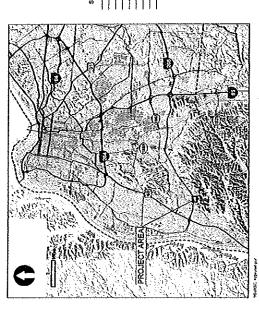
#### 8.0 REFERENCES

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Stream Restoration Construction Plans
(11"x17" Set)

# POND CREEK STREAM RESTORATION PROJECT JEFFERSON COUNTY, KENTUCKY



# SHEET INDEX





PROJECT COORDINATES: N39,087 W85,847

## PREPARED FOR:



Lauswiffe & Varferson Gausty Metropoliten Sawer District 756 West Liberty Street Lauswiffe, Kentrucky 40203

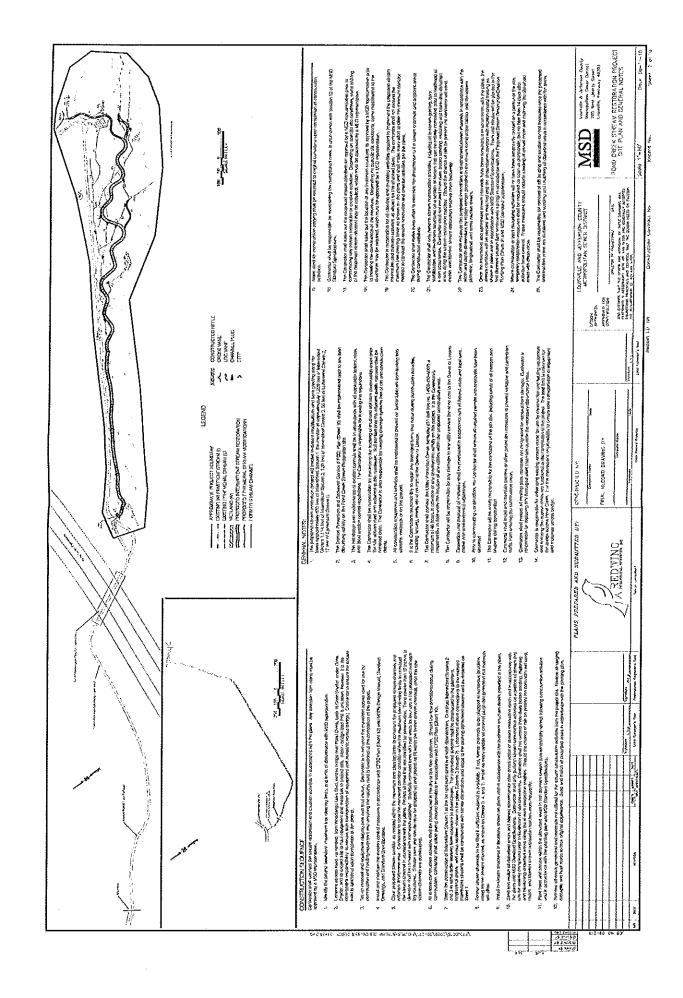


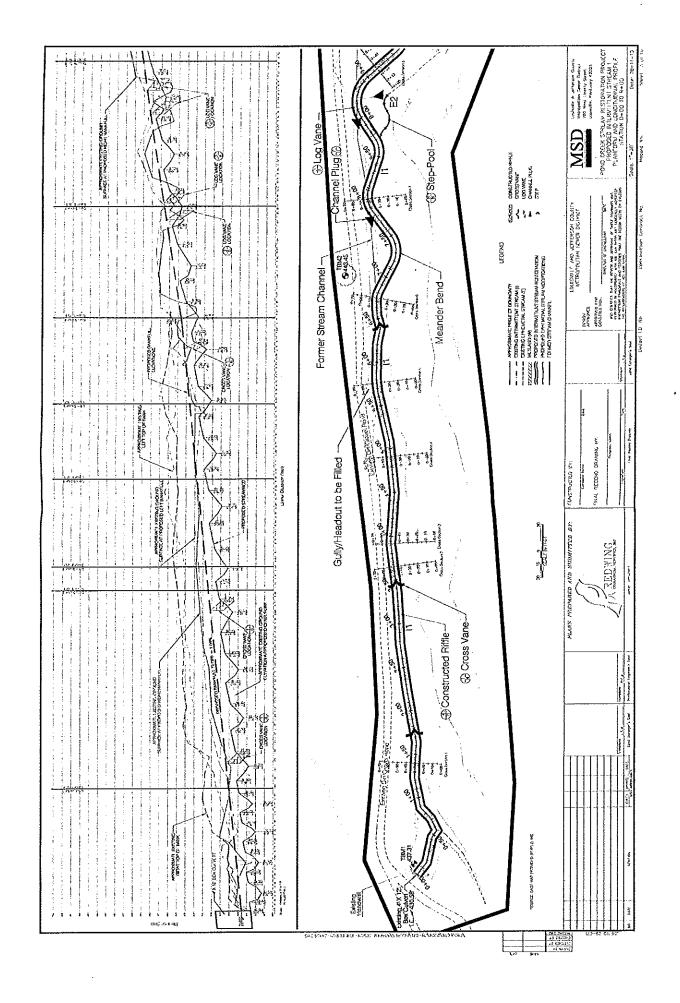
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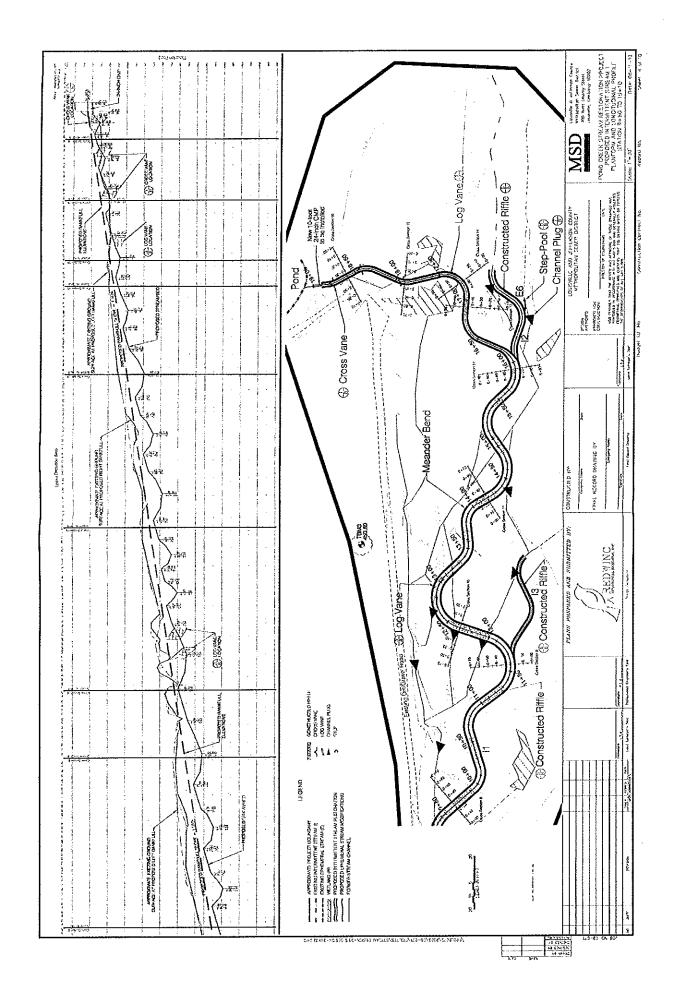
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SHEET 1 OF 10







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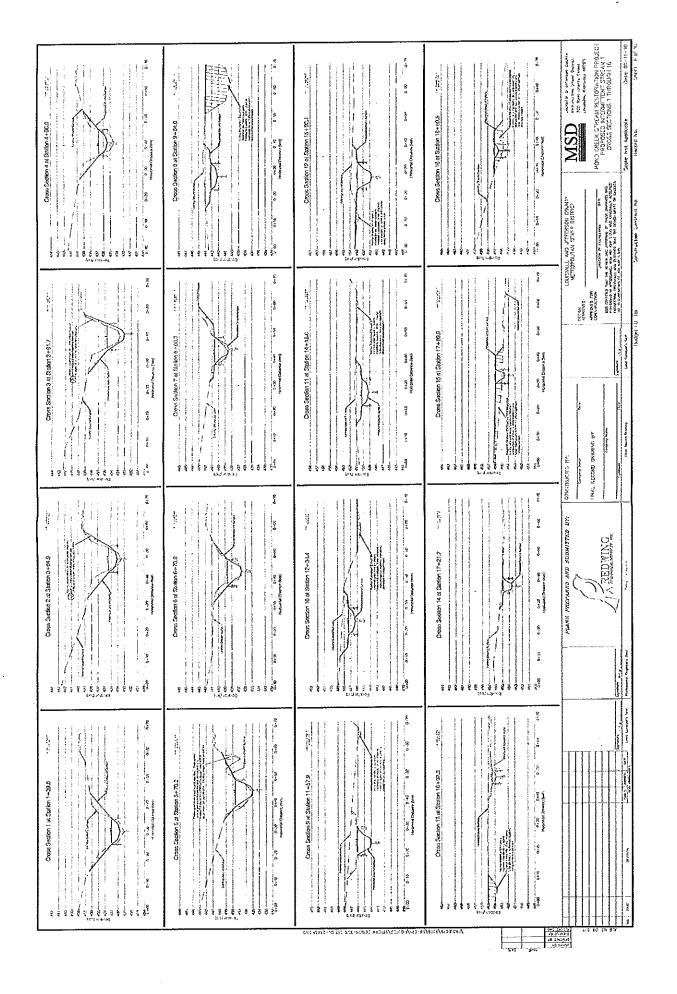
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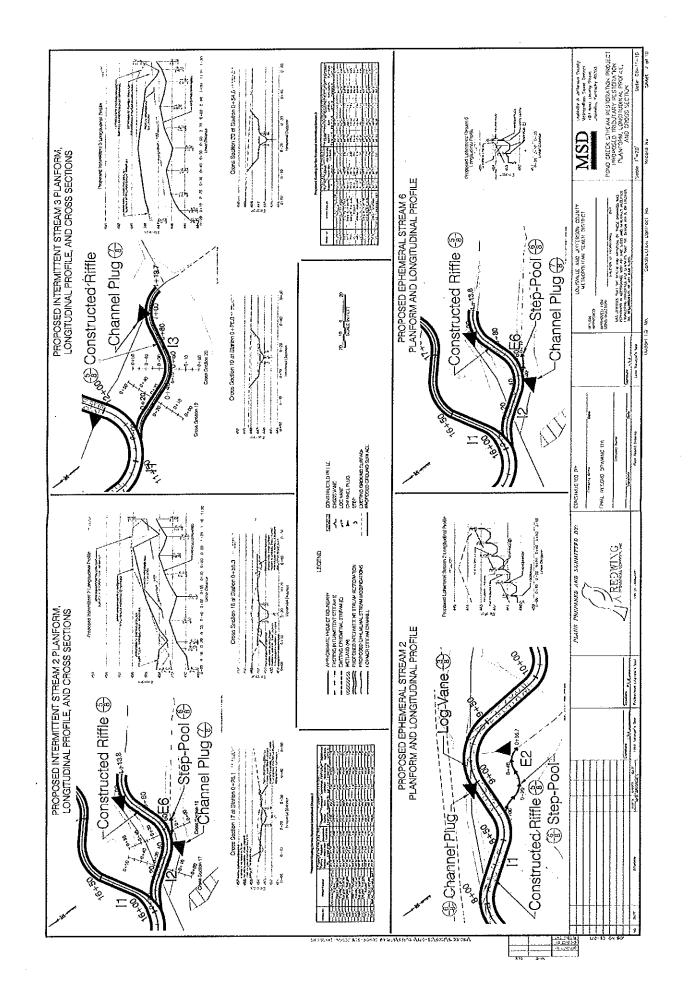
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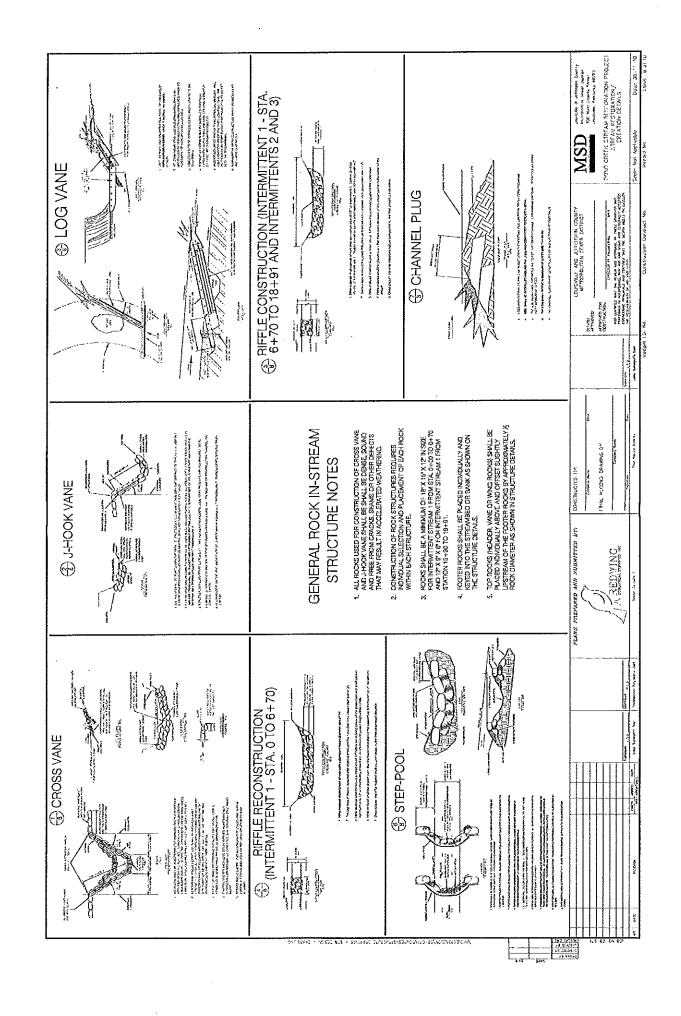
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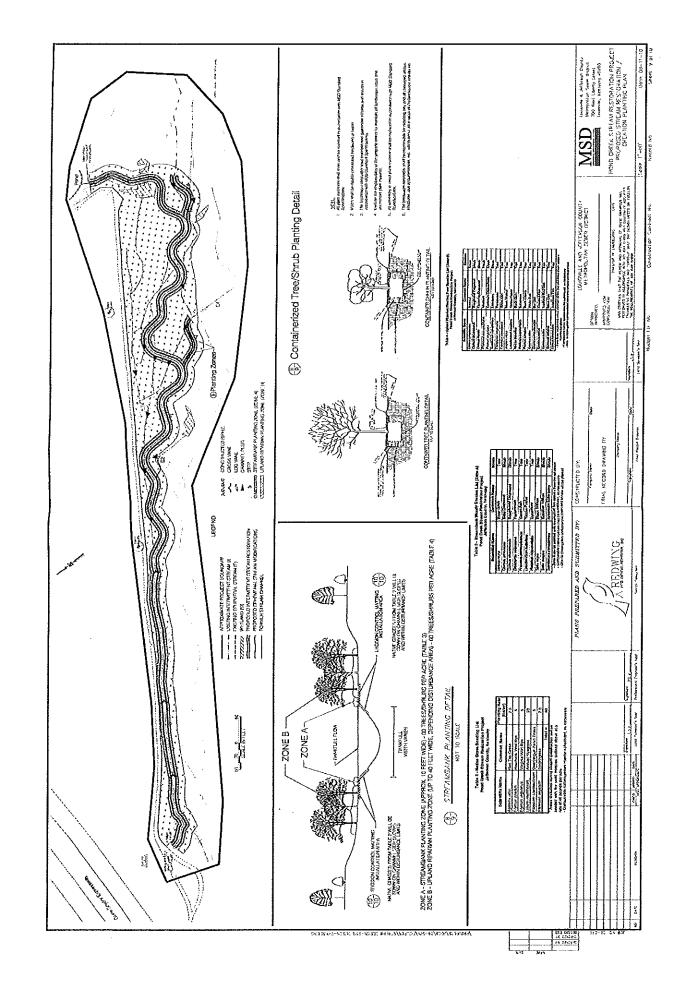
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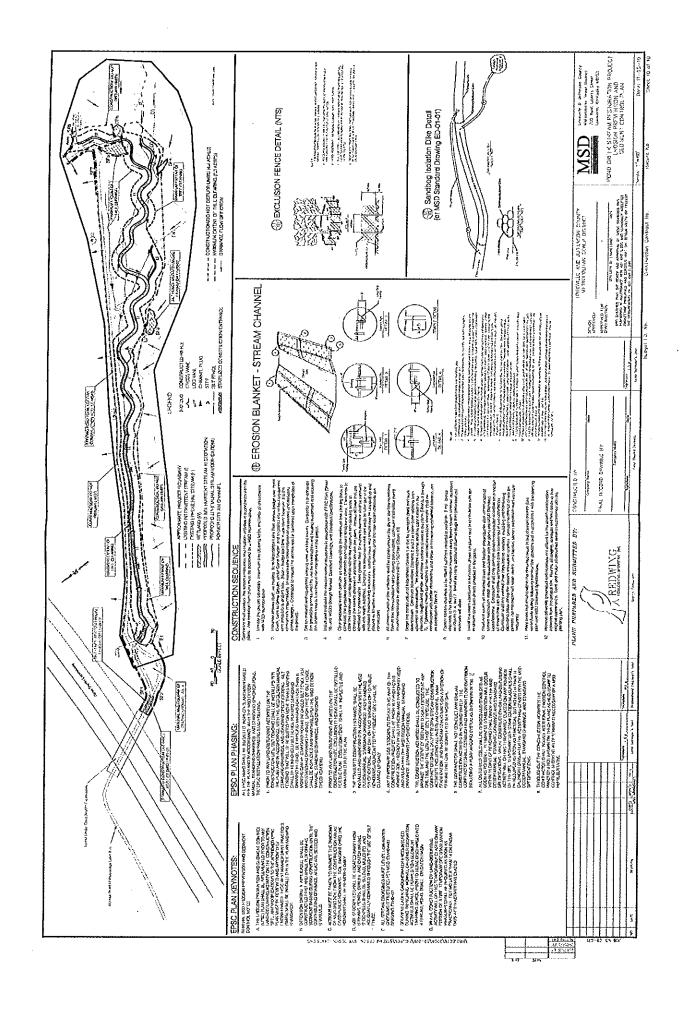
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## Louisville Metro Department of Public Health & Wellness Asthma Program Activities July 1, 2010 - June 30, 2011

## Background

In April 2005, a consent decree, known as the Supplemental Environmental Projects consent decree, was filed in the United States District Court, Western District of Kentucky, Louisville Division. Exhibit A of this decree stipulated that Public Health Screenings – Western Louisville would be conducted at a designated cost of \$1,000,000. This sum came from the settlement among the U. S. Environmental Protection Agency, the Commonwealth of Kentucky Environmental and Public Protection Cabinet, and the Metropolitan Sewer District over alleged environmental violations. The Louisville Metro Department of Public Health & Wellness entered into an agreement with the state to conduct the Community Health Screenings Project in the designated areas surrounding "Rubbertown." To augment the scope of the project, the Commonwealth of Kentucky committed an additional \$200,000. Rubbertown is an area with industrial facilities in the vicinity. The facilities include wastewater treatment, chemical and rubber production, electricity production, and other manufacturing plants typical of industrialized areas.

In 2007, Louisville Mayor Jerry E. Abramson signed a resolution for the Louisville Metro Department of Public Health & Wellness (LMPHW) to enter into an agreement with the Environmental and Public Protection Cabinet of Kentucky and to fulfill the requirements of the decree, these screenings with results, follow-up and referral was to be completed by June 30, 2008. The cost of the health screenings was \$816,958.02. Working with the state and MSD, it was agreed that the balance of the funds would be used for community projects that addressed asthma in the Rubbertown area.

The Louisville Metro Department of Public Health & Wellness (LMPHW) with approval from the state agreed upon two asthma projects from July 1, 2010 to June 30, 2011. The University of Louisville School of Public Health & Information Sciences assisted the LMPHW and Jefferson County Public Schools by collecting data and providing a data analysis and technical assistance to identify the prevalence of children with asthma in 13 elementary schools located in the Rubbertown area. The cost of this contract was \$15,684. The second project was a grant to the Jefferson County Public Education Foundation to provide asthma-related activities at Gutermuth Elementary School. A grant was awarded in the amount of \$4,224.

## Project 1 JCPS Asthma and Allergy Study

The University of Louisville School of Public Health & Information Sciences (SPHIS) administered a pilot project which aimed to assess the impact of asthma and allergy in the Jefferson County Public Schools (JCPS) system. The following elementary schools were surveyed: Cane Run, Crums Lane, Carter, Gutermuth, Johnsontown Road, Kennedy, Kerrick, King, Maupin, Schaffner, Stephen Foster, Wellington, and Wheatley.

SPHIS researchers surveyed 1,909 students from these 13 JCPS elementary schools during the time period of February 18, 2011, through March 16, 2011. Of that number 1,077 students screened positive on the asthma screening tool. In the 13 schools, the percentage of students whose survey responses indicated a suspicion for asthma ranged from 45.9% - 66.2%. It is noteworthy that the national average for childhood asthma is 9.6%. This indicates that the number of students with asthma likely will exceed the national average. Each school was presented a report of its school's survey results. The report noted that the asthma screening tool is not a diagnosis for the presence or absence of asthma. A positive result indicates that the child has provided responses that are suspicious for the presence of asthma.

A subsequent meeting was held on April 21, 2011 attended by 19 representatives from Louisville Metro Department of Public Health & Wellness, the University of Louisville, and the Jefferson County Public Schools System. The following activity emerged from the discussion:

- A letter crafted and sent to parents as soon as possible so they are notified if their child screened positively on the survey.
- An intervention that would diagnose children to determine if they truly have asthma - a top priority.
- Development of parent, student and school staff training regarding asthma should be the next priority.

## Challenges included:

- Enabling and encouraging parental involvement.
- Addressing times for student medical evaluations so that parents can attend.
- Identifying barriers to parent and student involvement.
- Evaluating the impact of interventions.
- Continuing asthma screening in future years.

The Louisville Metro Department of Public Health and Wellness (LMPHW) entered into a grant agreement with the Jefferson County Public Education Foundation for Gutermuth Elementary School to administer an afterschool asthma program. Partners in this project included the health department, the Gutermuth Elementary School Family Resource Center, the University of Louisville School of Medicine, and the YMCA of Greater Louisville.

Gutermuth staff proposed that 20-25 students with asthma participate in a 2week program focusing on health education and physical activity such as swimming. During each session students were transported to a local fitness facility under the supervision of three Gutermuth staff. The students were administered a pre-test to assess an overall understanding of asthma. University medical students provided education mentoring, and students spent fitness time in a rented pool under the supervision of certified life guards. A post-test was administered at the conclusion of the 12-week program to reassess the student's understanding of asthma. The objective of the project is to measure an increase in student understanding of asthma.

Objective: Improve the overall awareness of asthma education, monitoring, and awareness of students and families within the southwestern Jefferson County, a part of Rubbertown.

Goal #1: Recruit 20-25 students to participate in asthma education, mentoring, and fitness activities.

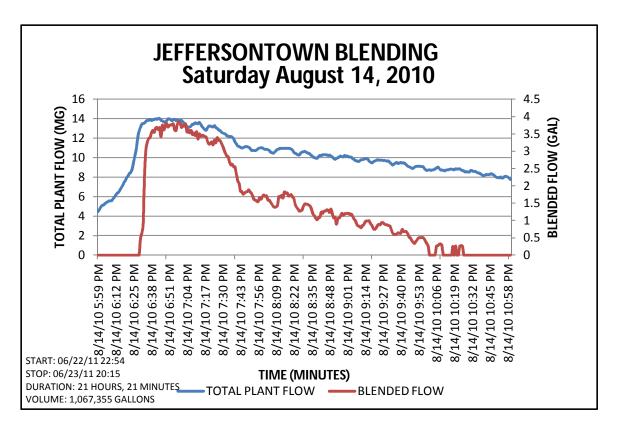
Goal #2: Provide students with education, mentoring and fitness activities for 12 weeks with 80% or higher attendance rate.

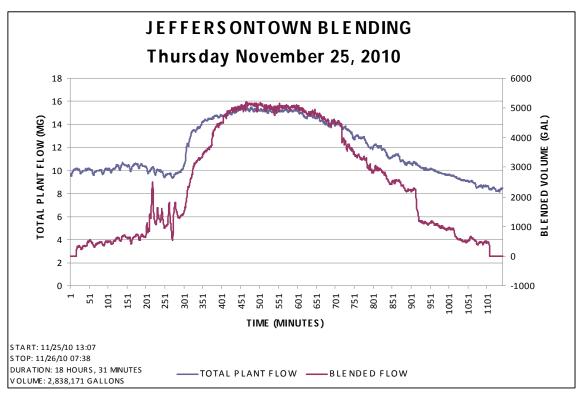
Goal #3: Improve students' and families' understandings of asthma education, self monitoring, and awareness as measured by pre and post tests.

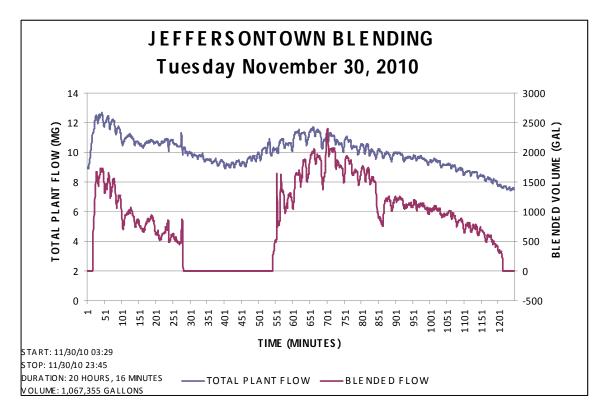


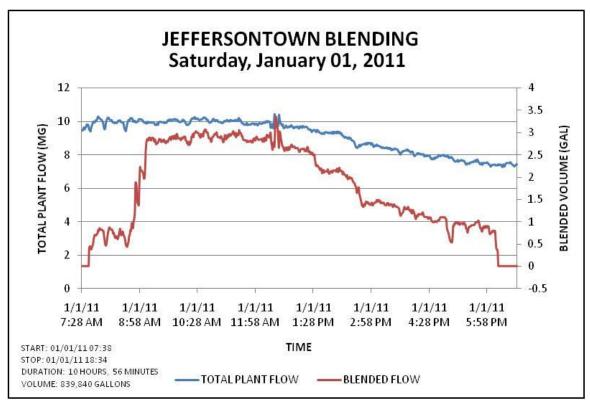
## APPENDIX L – JEFFERSONTOWN WQTC BLENDING EVENT CHARTS

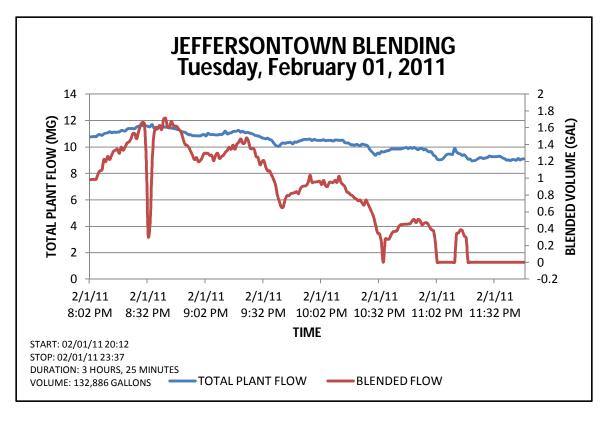


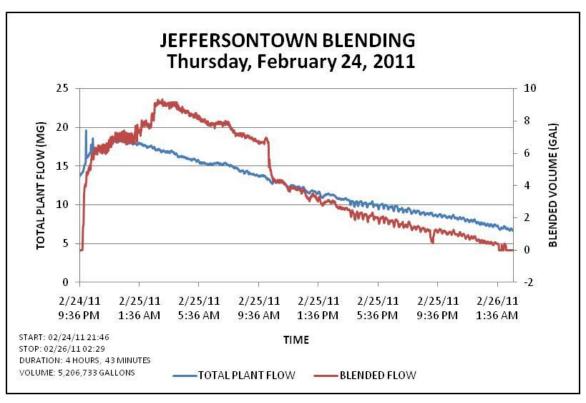


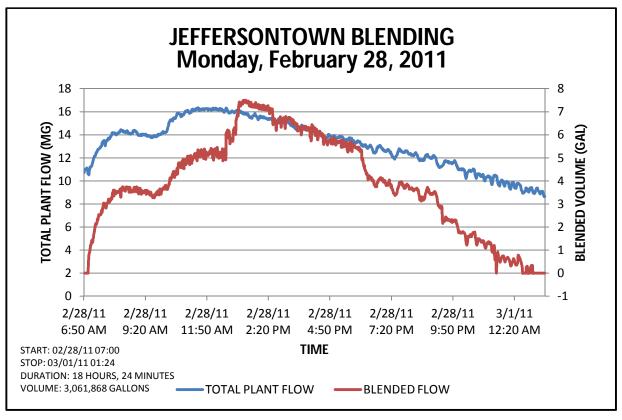


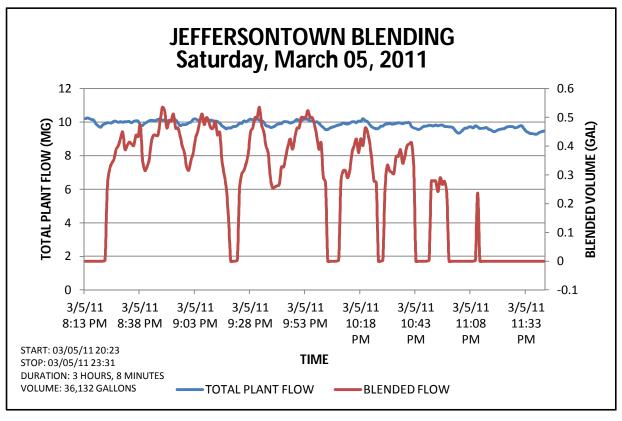


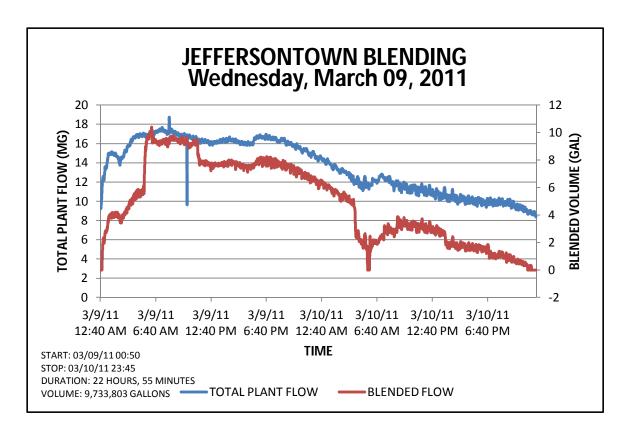


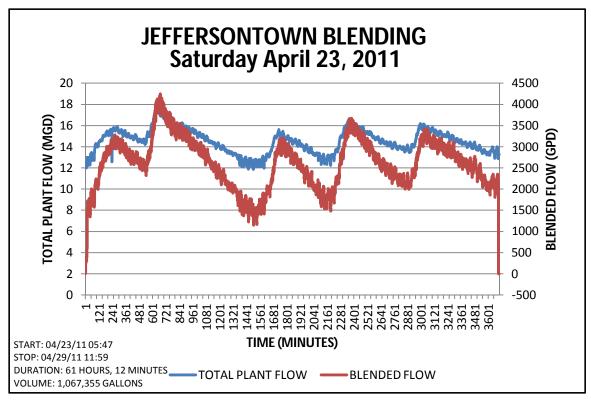


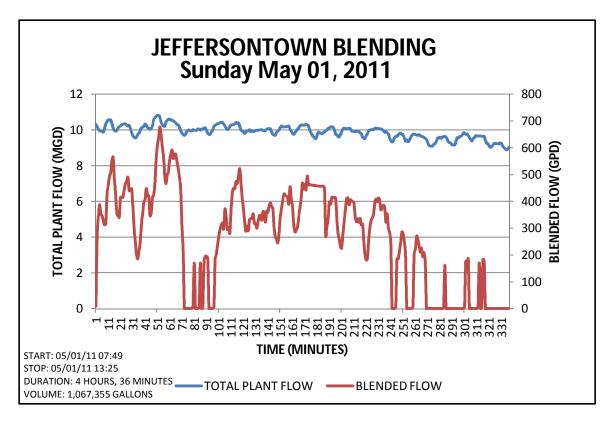


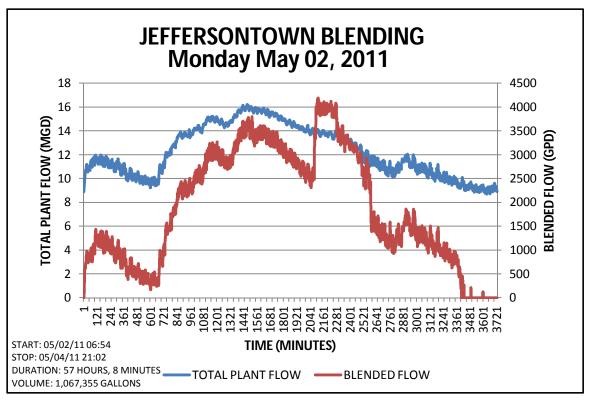


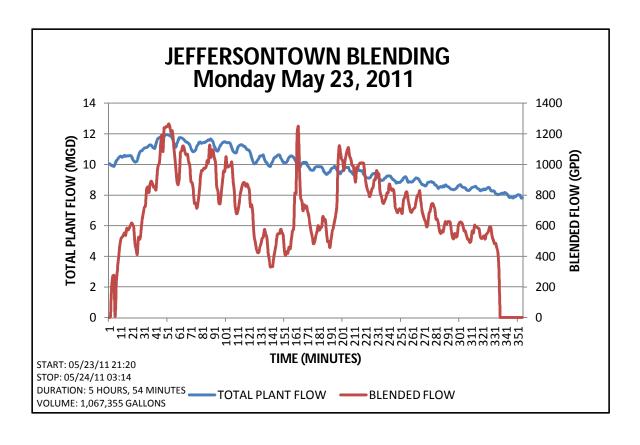


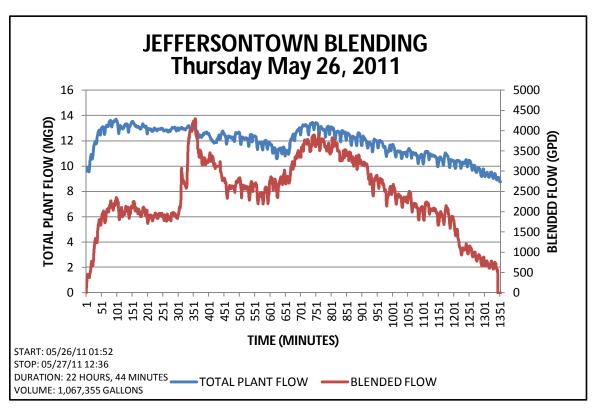


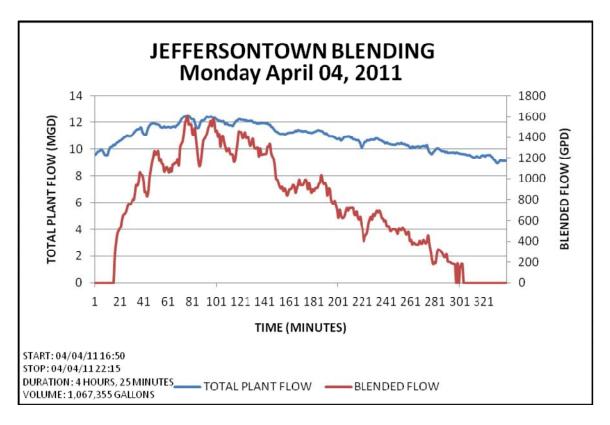


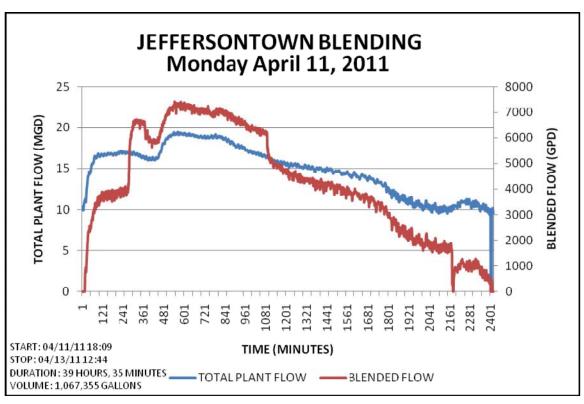


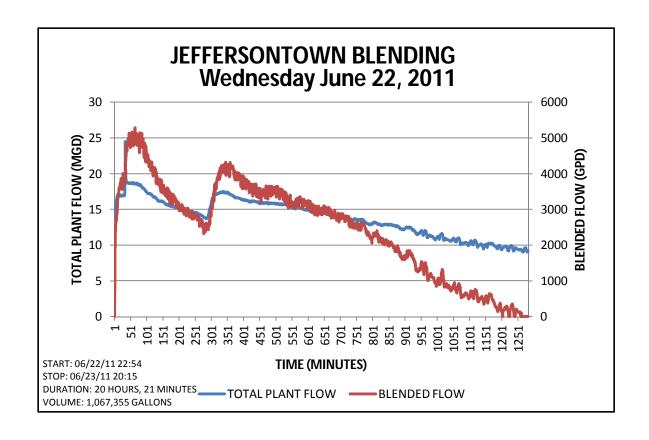














## **APPENDIX M - BYPASS CORRECTIVE ACTIONS**



## **Appendix M – 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 following table for causes of bypasses that occurred in FY11, and short and long term corrective actions taken for each bypass.

Reviewed SOPs for possible enhancement. No further action is advised at this time.  An SSES project (Budget ID A3130) to reduce wet weather flows is scheduled for completion on June 30, 2012.
Reviewed SOPs for possible enhancement. Analysis revealed that modification of the gate operation would increase the probability of bypasses elsewhere in the treatment process. No further action is advised at this time.
An SSES project (Budget ID A3120) to reduce wet weather flows is scheduled for completion on June 30, 2012.
If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.
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.

Berrytown WQTC (Hansen Discharge WO: 1215307): Bypass (capacity) was reported at this WQTC on February 28, 2011, when plant flows exceeded twelve times the plant design flow during the rain event of February 28, 2011.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Berrytown WQTC (Hansen Discharge WO: 1220235): Bypass (capacity) was reported at this WQTC on March 9, 2011, when excessive plant flows exceeded the flow metering capacity during the rain event of March 9, 2011.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Silver Heights WQTC (Hansen Discharge WO: 1242548): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

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.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

Berrytown WQTC (Hansen Discharge WO: 1242974): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1243078): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Starview WQTC (Hansen Discharge WO: 1243215):
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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

North Hunting Creek WQTC (Hansen Discharge WO: 1249622): 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.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Berrytown WQTC (Hansen Discharge WO: 1249265): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

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.

Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1252909): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Berrytown WQTC (Hansen Discharge WO: 1253476): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Starview WQTC (Hansen Discharge WO: 1252913): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

McNeely Lake WQTC (Hansen Discharge WO: 1253083): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

Berrytown WQTC (Hansen Discharge WO: 1255322): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

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.

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.

Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1258039): 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.

Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

North Hunting Creek WQTC (Hansen Discharge WO: 1249627): 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.

If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.

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.

## External Power failures (LGE Related – PWR)

Starview WQTC (Hansen Discharge WO: 1253358): 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.

MSD installed an alternate power source (temporary generator).

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.

Derek Guthrie WQTC (Hansen Discharge WO: 1281376): 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.

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.

McNeely Lake WQTC (Hansen Discharge WO: MSD installed an alternate 1281379): Bypass (Power Failure) was reported at source (temporary power this WQTC on June 19, 2011. A power failure generator). caused the influent pump station to fail during the A work order was issued to a rain event of June 19, 2011. consultant to complete a site assessment including recommendations proposed costs for plant system improvements. During the next **MSD** reporting period. will continue to review the memorandum and analyze the benefits of completing capital improvements at the plant site versus elimination. Derek Guthrie WQTC (Hansen Discharge WO: MSD Closed the plant influent gate to stop the bypass. Plant 1281402): Bypass (Power Failure) was reported at expansion will include backup this WQTC on June 19, 2011. A power failure power source for disinfection caused flow to bypass disinfection and and dechlorination. This project dechlorination during the rain event of June 19, is scheduled to be complete on 2011. December 31, 2011. Facility Failure (Mechanical -MCH, Electrical - ELE, Structural-STR) Breaker controls were adjusted Creek WQTC (Hansen Discharge WO: to minimize the loads that would 1120760): Bypass (electrical) was reported at this WQTC on August 13, 2010, when the breaker for the occur at one time, in order to prevent the breaker from generator tripped and disabled pumping. overloading. Action was completed on August 13, 2010. McNeely Lake WQTC (Hansen Discharge Wo: Effluent line was repaired to 1111722): Bypass (facility/structural) was reported at prevent the discharge upstream this WQTC on July 23, 2010, when the plant effluent of the permitted outfall. Action line failed and a discharge occurred upstream of the was completed on July 23, permitted plant outfall. 2010.

Cedar Creek WQTC (Hansen Discharge WO: 1116789): Bypass (electrical) was reported at this WQTC on August 2, 2010, when a UV channel gate failed to close in automatic control.	PLC programming was revised to prevent the channel gate from being opened without UV lights powered up. Action was completed on August 3, 2010.
Cedar Creek WQTC (Hansen Discharge Wo: 1165777): Bypass (facility/structural) was reported at this WQTC on November 16, 2010, when a gate to the UV influent channel failed and flows bypassed the gate without receiving disinfection.	UV channel gate was temporarily repaired on November 16, 2010. The gate was replaced with a stainless steel sluice gate, and new seals. Action was completed by December 31, 2010.
Cedar Creek WQTC (Hansen Discharge WO: 1219949): Bypass (equip/mech.) was reported at this WQTC on March 9, 2011, when a sand filter relief gate failed in the closed position during the rain event of March 9, 2011.	The relief gate was opened manually, allowing flow to be disinfected. This correction occurred on March 9, 2011.
Hite Creek WQTC (Hansen Discharge WO: 1220161): Bypass (equip/mech.) was reported at this WQTC on March 9, 2011, when the UV channel gate failed to open and flows bypassed disinfection during the rain event of March 9, 2011.	The UV gate was opened with a crane, allowing flow to receive disinfection. This correction occurred on March 9, 2011.
Cedar Creek WQTC (Hansen Discharge WO: 1243500): 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.	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.

Berrytown WQTC (Hansen Discharge WO: 1267804): 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.

MSD contractor repaired stationary generator.

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.

## Human Error (OPN)

Morris Forman WQTC (Hansen Discharge WO: 1115253): Bypass (human error) was reported at this WQTC on July 27, 2010, when the operators routed flows around a battery of clarifiers in an effort to protect plant microbiology due to high residual chlorine levels.

Modified sampling points and procedures for chlorine residual. Enhanced and executed training for chlorine sampling. Provided coloreactor tools to Operators to allow for more accurate sampling. Actions were completed by September 30, 2010.

Berrytown WQTC (Hansen Discharge WO: 1196294): Bypass (human error) was reported at this WQTC on February 2, 2011, when digester aeration remained on during the rain event of February 2, 2011.

Enhanced training to shut off air to the entire plant in situations where secondary flows can overflow to digester tanks. Training to be developed and conducted prior to June 30, 2011.