



MSD

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

December 21, 2007

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

Subject: Annual Report
July 1, 2006 through June 30, 2007
DOJ Case No. 90-5-1-1-08254

Attention Chief:

Please find attached our Annual Report, prepared in accordance with Paragraph 26 of our Consent Decree. This report is for the period July 1, 2006, through June 30, 2007.

I certify under penalty of law that this document and all attachments were prepared under my 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 Angela Akridge at (502) 540-6136 or Brian Bingham at (502) 649-3850.

Sincerely,

W. Brian Bingham
Regulatory Services Director

FY07 AR Certification EPA 12-21-07

cc: H. J. Schardein, Jr.

Paula Purifoy

Laurence J. Zielke



*Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com*



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December 21, 2007

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

Subject: Annual Report
July 1, 2006 through June 30, 2007
DOJ Case No. 90-5-1-1-08254

Attention Chief:

Please find attached our Quarterly Report, prepared in accordance with Paragraph 26 of our Consent Decree. This report is for the period July 1, 2006, through June 30, 2007.

I certify under penalty of law that this document and all attachments were prepared under my 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.

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December 21, 2007

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

Subject: Annual Report
July 1, 2006 through June 30, 2007
DOJ Case No. 90-5-1-1-08254

Attention Director Cummins:

Please find attached our Quarterly Report, prepared in accordance with Paragraph 26 of our Consent Decree. This report is for the period July 1, 2006, through June 30, 2007.

I certify under penalty of law that this document and all attachments were prepared under my 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.

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Sincerely,

W. Brian Bingham
Regulatory Services Director

FY07 AR Certification KDEP 12-21-07

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Louisville and Jefferson County Wet Weather Consent Decree Annual Report



Reporting Period:

July 1, 2006 through June 30, 2007

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, 2007

INTRODUCTION

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

This is the second Annual Report submitted in accordance with Paragraph 26 of the Consent Decree. This Report covers MSD's Fiscal Year 2007, which is defined as July 1, 2006, through June 30, 2007. The structure for this report is outlined as follows:

Section 1: Project WIN Program Activities Performed during the Reporting Period (excluding CMOM) - This section describes the scope, schedule and status for projects and other activities that were active during the reporting period of July 1, 2006 through June 30, 2007. The projects and activities described are those that demonstrate the efforts conducted to comply with the Consent Decree.

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

Section 3: Project WIN Program Activities for the Next Reporting Period (excluding CMOM) - This section describes the anticipated projects and activities that are scheduled to be performed during the next reporting period (July 1, 2007 through June 30, 2008) for continued compliance with the Consent Decree.

Section 4: Capacity Management, Operations and Maintenance (CMOM) Annual Report - The program activities performed during the reporting period (July 1, 2006 through June 30, 2007) and activities planned for the next reporting period (July 1, 2007 through June 30, 2008) are included in this section.

Section 5: Supplemental Environmental Projects (SEPs) Annual Report - The program activities performed during the reporting period (July 1, 2006 through June 30, 2007) and activities planned for the next reporting period (July 1, 2007 through June 30, 2008) are included in this section.

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

1.1 Nine Minimum Controls Implementation

Per Paragraph 23.a. of the Consent Decree, the Nine Minimum Controls (NMC) Compliance Report was initially submitted to EPA and KDEP on February 10, 2006, and MSD received comments on May 5, 2006. MSD resubmitted the revised NMC Compliance Report to EPA and KDEP on June 3, 2006, and received a letter of disapproval on August 22, 2006. MSD resubmitted the revised NMC Compliance Report to EPA and KDEP on September 15, 2006, in accordance with the Consent Decree, and received an approval letter for the NMC Compliance Report dated February 22, 2007. The approved NMC Compliance document can be viewed on the MSD Project WIN website www.msdlouky.org/projectwin/. Highlights of the NMC program implementation over this reporting period are outlined below:

NMC 1: Proper Operation and Maintenance Program

- Continued to inspect and maintain catch basins within the combined sewer system (CSS).
- Continued to inspect, maintain and properly operate the CSS pump stations and the Morris Forman Wastewater Treatment Plant (MFWTP).
- Continued to perform weekly inspections of each CSO and related structures, and initiated work orders for debris removal and/or repairs as determined to be necessary to allow proper system operation.
- Reviewed and enhanced the inspection and maintenance procedures for CSOs, based upon the system assets at each location. A revised inspection sheet was utilized after October 2006.
- Prepared and delivered a CSO training course for the Infrastructure and Flood Protection Division crews responsible for weekly CSO inspections. This course outlined the various system components and enhanced inspection/maintenance procedures, including field exercises at various CSOs to perform “mock” inspections. This task was completed in May 2007.
- Developed a “job aide” for each CSO, outlining the components of each particular CSO, the respective inspection and cleaning procedures, and the Hansen codes for required maintenance and inspection. This tool allows the inspector to identify exactly which components were at each CSO location and assist in the generation of work orders for cleaning or repair. This task was completed in June 2007.
- Reviewed the existing system-wide inverted siphon inventory and began the process of enhancing the documentation to include inspection, cleaning and access procedures along with a map book showing siphon details and site locations. Detailed sketches are being developed for each siphon location. This enhancement is scheduled for completion by June 30, 2008.

- Performed a modeling evaluation of mechanical CSO regulators that redirect flow from the interceptors based upon the capacity in the pipe. By design, when the interceptor reaches 80% of its design capacity, the regulator gate closes and directs flow to the CSO. A plan was developed to remove mechanical regulators from the system.
- Compiled a comprehensive library of mapping, record drawings and documentation of each CSO location for inspection and maintenance to allow for a more streamlined response to any maintenance or system issue that may occur.

NMC 2: Maximization of Storage in the Collection System

- Raised the diversion dams at 19 CSOs based upon a modeling initiative assessing the backwater effects upstream of the diversion structure. Rationales for the results of this initiative are provided in the September 15, 2006 NMC Compliance Report. Work orders for CSO modifications for dam raises were completed on September 8, 2006.
- Conducted performance testing of the initial RTC installation, which has been online since April 2006, providing near full operation for most events. Significant reductions of CSOs were observed as a result of this new means of flow management. A number of improvements and corrections have been worked on during the startup process to increase operational effectiveness. After the first nine months (April through December 2006), the simulated results from nine rainfall events within the RTC model were validated with the field measurements of the 44 rainfall events. During this time, 820 million gallons of CSO were kept in the system and sent to MFWTP for treatment. Simulation results confirm the CSO reduction potential meets the performance evaluated in the previous RTC studies.
- Initiated the review of pump stations within the CSS to determine if modifications can be made to further maximize operations to efficiently transport more flow to the MFWTP.
- Continued design activities related to Real Time Control (RTC) Phase II. This phase of RTC is to be completed by December 31, 2008, as required within the Consent Decree.

NMC 3: Review and Modification of Pretreatment Requirements

- Conducted an assessment of non-domestic dischargers (NDD) to the CSS and identified 14 NDDs as discharging pollutants of concern (POC). POCs were determined using the 303d listing for impairment. Inspected identified NDDs using an inspection form developed specifically for NMC #3. During the inspection, the need for the inspection was communicated to each NDD company contact and information provided relative to the CSO and receiving stream each NDD discharger may overflow to during wet weather events. The opportunities for reducing flow and/or loadings to the CSS during wet weather events for each NDD were also documented. A letter requesting voluntary implementation of controls during wet weather events was sent to each NDD.
- Initiated manual system to send wet weather alerts to the NDDs prior to rain events, reminding them of their commitment to implement controls during wet weather events.

- Initiated development of a Threat Matrix to prioritize and evaluate the opportunities identified during inspections of the NDDs. Eight categories were evaluated to quantify the potential impacts to water and each category was assigned a weight (1 through 10). Each NDD was given a value from 1 to 10 for all eight categories, with 1 representing least threat and 10 representing highest threat. The values were summed to provide each NDD with an overall numerical score.
- Mailed a letter to the 13 permitted batch wastewater dischargers in the CSS. This letter served to inform and educate the batch dischargers of the effects of releasing batches during and immediately following wet weather events. MSD asked for their voluntary cooperation in holding the discharges of batch wastes until 72 hours following any wet weather event of 0.25-inches or larger.
- Continued implementation of the CSO-SIU project in conjunction with the LTCP preparation.

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

- Transferred operation and maintenance responsibilities of the Southwestern Pump Station from the Metro Operations manager to the MFWTP managers, to more efficiently operate and maintain this critical station.
- Trained the Operations supervisors and the two new computer room operators on the use of the capacity calculator for maximizing influent flow.
- Completed RTC Phase I, which minimizes wet weather overflows from the Southwestern Pump Station, providing an optimized method for delivering more consistent flows into MFWTP during and after wet weather events.

NMC 5: Elimination of CSOs During Dry Weather

- Performed an assessment of dry weather overflows within the CSS to determine causes and to determine the need for corrective activities.
- Continued implementation of the Unusual Discharge Request permit program, to prevent negative impacts on the CSS from discharges not already covered by a wastewater discharge permit.
- Continued coordination with Eon US to ensure that any power shut downs will not negatively impact operation of MSD facilities
- Performed reconnaissance and preventive maintenance of collection system “hot spots” to proactively remove grease and debris buildup, minimizing the possibility of overflows at these locations.
- Initiated an analysis of ten locations throughout the District that historically have experienced excessive accumulation of fats, oils or greases (FOG) in sewers to determine if an engineered solution could cost-effectively and efficiently solve the maintenance problem. More details on this effort can be found in Section 4 of this report.

Project WIN initiatives. The flyer “Play it Safe with Sewer Overflows” was included in the package. This mailing was created and sent out on September 27, 2006, and can be found at <http://www.msdlouky.org/projectwin>.

- Developed the Project WIN website that was launched with the ability to alert customers of water quality conditions relative to the potential to contain sewage, on a real time basis, through the use of a “traffic signal” showing the status of water quality. Customers voluntarily sign up to receive email alerts. In addition, there are messages from MSD, a repository of approved documents, Stakeholder meeting minutes, and access to a public notification e-mail system. This website was published on September 29, 2006, and can be found at <http://www.msdlouky.org/projectwin>.

- Installed approximately 1100 Overflow Advisory signs along the creeks and the Kentucky side of the Ohio River within both the combined and separate sanitary sewer systems as outlined in the NMC Report and the Sewer Overflow Response Protocol. In the CSS, approximately 300 signs were installed by September 30, 2006. In the separate sewer system, approximately 800 signs were installed by October 30, 2006. The installation criteria can be found in Table 9.2 of the NMC Compliance Report dated September 15, 2006.



Overflow Advisory Sign installed by MSD

- Developed and published an eight-page insert in the Louisville Courier Journal newspaper to maximize the exposure of Project WIN initiatives throughout the MSD service area. This publication provided information on the proposed rate increase, Project WIN initiatives, and a discussion of the Consent Decree. It also included a list of scheduled public meetings, annotated diagrams and definitions of SSOs and CSOs; examples of activities that the typical homeowner can perform to help alleviate sewer overflow problems; and a general warning to avoid waterways during and for 48 hours after rain storms. This piece was substituted in place of a bill insert. This newspaper insert was published on April 29, 2007.
- Updated the District’s CSO brochure prior to September 30, 2006. This brochure provides an overview of the history of the CSS in Louisville, discussion of the overflow advisory signs and a general warning to avoid contact with sewage.

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

- Continued monitoring wet weather impacts within the Beargrass Creek Watershed with three false starts occurring during this reporting period. Selected rainfall events failed to meet the required sampling criteria. A recreational use and sampling survey, as well as a sensitive area study, were initiated during this time period.

- Continued to monitor the largest CSOs for flow volume to define the wet weather contribution of the overflows to the stream. Sonde data, also collected at stream flow monitoring sites, was switched from manual retrieval to telemetry to the USGS site and equipment calibration frequency was increased.
- Collected stream flow, sonde, and other environmental data sets for use in further characterization of the combined service area.
- Converted the CSS Model from XP-SWMM format to InfoWorks CS format in anticipation of increased use for the LTCP development. Additional sewer lines, to an 18-inch diameter, were coded into the model and pump station and other physical parameter information were updated. The synthetic year rainfall, used for simulation within the model, was also revised.
- Updated the Water Quality Tool for the Beargrass Creek Watershed and the Ohio River model and prepared for calibration for use in the LTCP for CSO control evaluation.

1.2 Sewer Overflow Response Protocol (SORP) Implementation

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

Overflow Management and Field Documentation

- Enhancements were made to the Overflow Report Form to assist staff with overflow data collection. Computer training was held in November 2006 for data entry staff and field crews in MSD's Metro Operations and Infrastructure and Flood Protection (I&FP) Divisions. MSD has implemented a more rigorous quality assurance and quality control program for the review of overflows. This includes daily review, monthly review and quarterly review.
- Temporary signage for overflow warning was upgraded to corrugated plastic signs that are more weather resistant.
- MSD I&FP staff routinely placed pumps at 11 locations to reduce basement backups. Discharge work orders are used to track these activities.
- MSD's Regulatory Services staff has identified approximately 60 sanitary sewer overflow (SSO) sites, which have been grouped into routes based on the range of rainfall rates necessary to cause an SSO. These routes are monitored during rain events depending on the magnitude and location of the storm. If an overflow is observed, a Discharge Work Order is created to document the event.
- MSD Metro Operations has identified approximately 20 sites where sewage is routinely hauled from pump station wet wells to wastewater treatment plants to prevent overflows during rain events depending on the magnitude and location of the storm. During this reporting period, MSD hauled due to capacity issues more than 130 times.

Regulatory Reporting and Data Management

- An electronic overflow reporting system was implemented in September of 2006 to notify EPA and Kentucky Department of Environmental Protection (KDEP) within 24 hours of any unauthorized discharge to the waters of the United States. Refinements were also implemented to provide more site-specific information such as facility name and facility type.

Staff Training and Communication

- In accordance with the approved SORP, and to ensure that the specific requirements of the SORP were well understood and adhered to by staff in positions of SORP responsibilities, the 2006 annual training program was completed on December 14, 2006. Details of the training program are as follows:
 - SORP Overview Training - 527 employees were trained in 19, 30-minute sessions.
 - SORP Field Training - 81 Employees were trained in five 7.5-hour sessions. This Field Training covered the following modules: MSD Becomes Aware of an Overflow; SORP Data Entry; SORP Documentation; 1st Response; Mitigation; Mobilization; and Public Notification.
 - SORP Hansen Training - 19 employees were trained in three 1.5-hour sessions.
- An “overflow simulator”, pictured right, was designed and constructed in January 2007, to increase staff skill levels in estimating overflow volumes. MSD staff also began the development of an enhanced volume estimation training tool and training module that utilized this overflow simulator.



SORP Simulator in use during a volume estimation training exercise

Annual SORP Review

- The annual SORP review was performed in accordance with the provisions in Chapter 4.1 of the SORP. The review analyzed the implementation of the protocols during the first year. It was determined that modifications to the protocols were not necessary at this time. This decision was documented in Quarterly Report #7, for the period of April 1, 2007, to June 30, 2007.

1.3 Capital Improvement Projects

Paragraph 23.b of the Consent Decree requires the implementation of a specific list of projects to be completed and/or initiated prior to the implementation of the final Sanitary Sewer Discharge Plan (SSDP) and final LTCP. Refer to Appendix A-1 for a chart showing a schedule

of the activities described in this section. The following projects were completed and/or certified under separate submittal within the reporting period and are described as follows.

- Gunpowder Pump Station Upgrade – This project was completed in the previous reporting period. The certification letter was sent July 28, 2006.
- Canoe Lane Pump Station SSO Abatement (Budget ID H03577) - This project was completed in the previous reporting period. The certification letter was sent July 28, 2006.
- CSO 87 Elimination (Budget ID I98354) - The areas draining to CSO 87 include twelve residential properties, eight commercial properties, and one industrial property. The combined sewer also conveys runoff from Interstate 64. A hydraulic evaluation was performed to determine the amount of flow necessary to be removed in order to eliminate the CSO. Methods evaluated for removal of this flow were downspout disconnection, installation of storm sewer and re-routing of catch basins. Construction efforts as part of this elimination included the partial separation of the storm sewer system in the area and the voluntary disconnection of downspouts at 19 of 21 buildings. CSO 87 was eliminated on September 18, 2006, in accordance with the Consent Decree. The certification letter was sent October 7, 2006.
- RTC Phase 1 - The initial implementation of Phase 1 of this project was estimated to achieve a minimum of 10% reduction of the average annual overflow volume (AAOV) from the CSS. The RTC software has been configured and installed at the Computer Room at MFWTP. System modifications were completed at the following locations: Southeast Diversion Structure, Nightingale Pump Station, Southwestern Pump Station Sluice Gate Chamber, Sneads Branch In-line Storage site, and the Upper Dry Run Trunk System storage basins (Brady Lake and Executive Inn). Testing and verification of the system was completed on August 12, 2006, and the system was placed into operation on that date in accordance with the Consent Decree. The certification letter was sent September 11, 2006.

Only one project from the original Consent Decree listing remained active during this reporting period. After completion of the following project, this subsection of the Annual Report and Quarterly Reports will be eliminated.

- CSO 147 Elimination (Budget ID H06357) - The CSO 147 Elimination Project required the disconnection of approximately 75% of the downspouts from the 233 area homes. Previous efforts in the sub-basin included constructing a new storm sewer in the project area. CSO 147 overflowed to South Fork of Beargrass Creek. The downspout disconnections have been performed. Flow monitoring has been performed to confirm the CSO 147 can be eliminated. This project is scheduled to be completed by September 30, 2007, in accordance with the Consent Decree.

1.4 Discharge Abatement Plans

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

1.4.1 Sanitary Sewer Discharge Plan (SSDP)

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

1.4.1.1 Updated SSOP Implementation

MSD prepared and submitted an updated SSOP on February 10, 2006. This plan included an overview of the MSD sanitary sewer overflow abatement program and specific actions taken to reduce/eliminate overflows from the sanitary sewer system. This document included a list of the proposed improvements to be accomplished by December 31, 2008. Refer to Appendix A-2 for a chart showing a schedule of the activities described in this section.

The following projects were completed within the reporting period and have been certified complete under previous transmittals:

- Running Fox Sewer Replacement (Budget ID C06308) – Approximately 900 linear feet of 8-inch diameter sewer was replaced along Running Fox Circle in order to prevent excessive inflow and infiltration in the existing sanitary sewer system. Construction was complete in August 30, 2006, with certification on September 29, 2006.
- Northern Ditch Pump Station Pump Replacement (Budget ID C00158) – Existing pumps were showing signs of aging. This project replaced the four submersible pumps, each rated at 14,000 gallon per minute. The new pumps have been installed and the related work is complete. This project is an integral part of the RTC strategy that was presented in the Interim CSO LTCP. This project was completed on November 30, 2006, and certified on December 29, 2006, in accordance with the Consent Decree.
- Watterson Woods Wastewater Treatment Plant Elimination (Budget ID C06291) – The Watterson Woods WTP was eliminated on December 14, 2006, and certified on December 29, 2006, in accordance with the Consent Decree. The flow from this plant was diverted to the recently expanded West County WTP.
- Sonne Pump Station Pump Replacement (Budget ID F02325) – The existing pumps and motors were worn and controls were outdated, resulting in a lack of reliability and decreased efficiency. This project included the upgrading of pump station components. This project was completed on February 10, 2007, and certified on March 9, 2007, in accordance with the Consent Decree.
- Rosa Terrace Pump Station Pump Replacement (Budget ID F02322) – This project included the upgrading of pump station components. This project was completed on February 27, 2007, and certified on March 9, 2007, in accordance with the Consent Decree.

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

- Interceptor Condition Assessment Phase 1 (Budget ID H04272) – The inspection portion of this project was completed prior to July 1, 2006. MSD did receive the reports summarizing the results of the inspections during this reporting period and began

reviewing and prioritizing findings from the inspections. Inspections included portions of the Goldsmith, Middle Fork, and Northern Ditch Interceptors along with the interceptor from Highgate Springs Pump Station to the Southeast Diversion Structure. MSD I&FP staff did address major obstructions that were found in the Sinking Fork Interceptor by cleaning approximately 4,300 LF of the Sinking Fork Interceptor from Blenheim Road to Middle Fork in March 2007.

- Broadfern Pump Station Upgrade (Budget ID F02327) - Two new dry pit pumps are on order to be installed along with new suction and discharge piping and pump level controller. Installation and testing will be completed by December 31, 2007, and certified within 30 days, in accordance with the Consent Decree.
- Murray Hills Area Pump Station Upgrades (Budget ID F06297) – The project scope was modified to eliminate one pump station in the Murray Hills area. The project name was modified to Acushnet Pump Station Elimination. The design of this project was completed in June 2007 and plans were submitted to the Kentucky Division of Water for review and approval. Project will be completed prior to September 30, 2008, in accordance with the Consent Decree.
- Fern Hill Subdivision Interceptor #8 (Budget ID C94086) – Design underway. Necessary easements will be negotiated during the next reporting period, in order to complete the construction by March 30, 2009, in accordance with the Consent Decree.
- Thurman Drive Pump Station Elimination (Budget ID B06299) - Design underway. Will be advertised for construction in the next reporting period.. This project will be completed by September 30, 2008, in accordance with the Consent Decree.
- Zabel Way Pump Station Elimination (Budget ID C06295) - The design underway and will be completed and easement acquisition will commence in the next report period.. Construction will be completed by September 30, 2008, in accordance with the Consent Decree.

1.4.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)

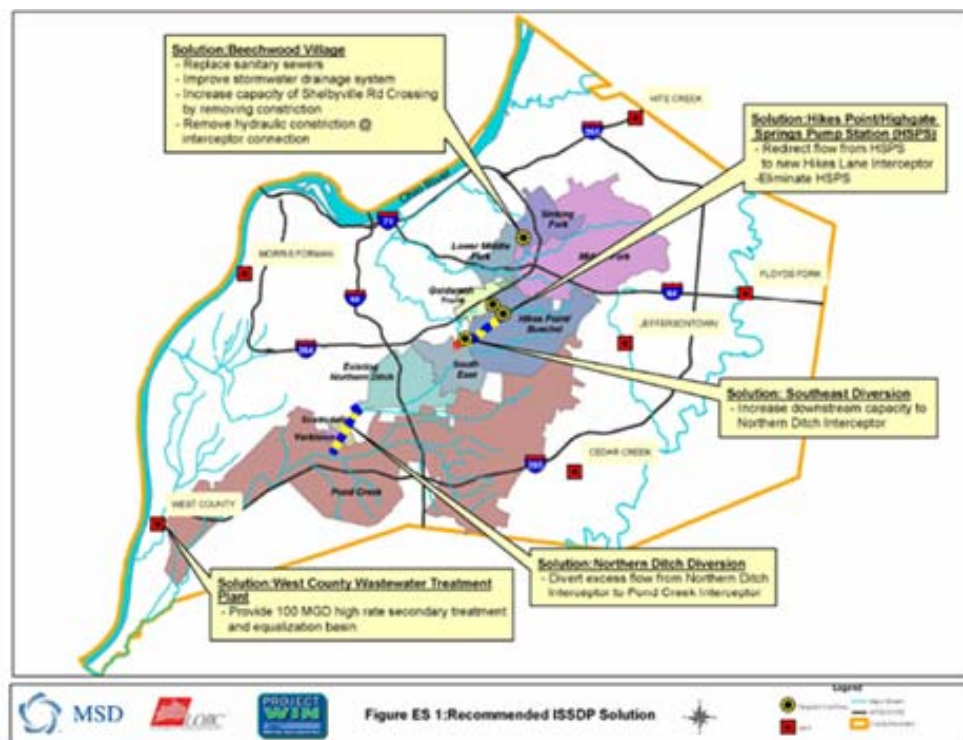
MSD is required to submit for approval an ISSDP by September 30, 2007. During this reporting period, MSD continued to review and analyze options and problems associated with Hikes Point, Beechwood Village, Highgate Springs Pump Station and Southeast Diversion Structure. The scope of this investigation was modified to include the potential for additional wet weather flows that may be routed from the Southeast Diversion Structure and upstream wet weather problem areas to the West County WTP. Efforts continued to investigate the feasibility of adding high-rate secondary treatment capacity to the West County WTP to address peak wet weather flows.

The overall project concept has been identified, including reconstruction of the Beechwood Village sanitary sewer system along with the construction of relief sewers, to eliminate the Highgate Springs Pump Station and offload sewers in the Hikes Point area that currently create unauthorized discharges during wet weather. The concept also involves conveying flow from the Southeast Diversion through the Southeast Interceptor and the Northern Ditch Interceptor to a new relief sewer that will convey wet weather flows from the Northern Ditch Interceptor to the West County WTP. A high-rate secondary treatment system is proposed to treat some of the

diluted wastewater conveyed by this relief sewer during wet weather. The map following illustrates the concepts that will be outlined in the ISSDP.

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

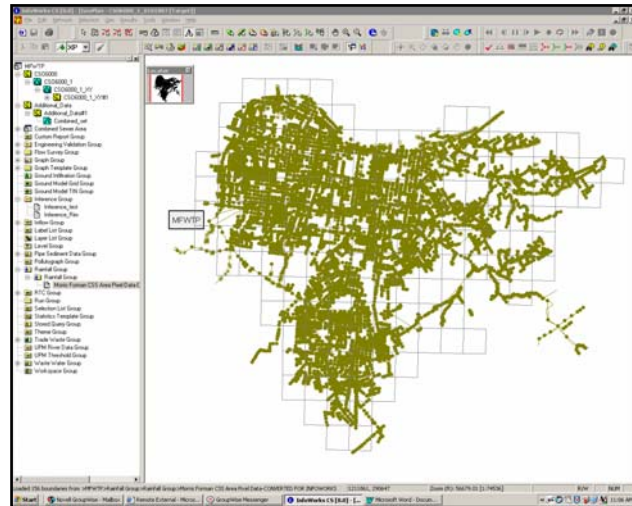
- Preliminary engineering and related field surveys have been initiated for the Beechwood Village sanitary sewer reconstruction.
- Work scopes were developed and a proposal received for preliminary engineering of the West County WTP Wet Weather Treatment and Equalization Project.



- A professional services contract was executed during this reporting period for the preliminary engineering, route selection and easement identification for the Northern Ditch Interceptor diversion sewer.

1.4.1.3 Final Sanitary Sewer Discharge Plan

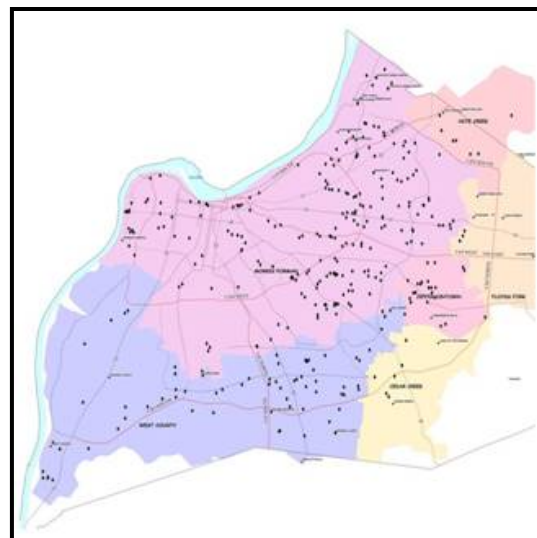
MSD is required to submit for approval a final SSDP by December 31, 2008. Refer to Appendix A-3 for a chart showing a schedule of the activities that will be in the SSDP. During this reporting period, MSD began the conversion of each sewer model for its six regional treatment plant service areas and seventeen small service areas from XP-SWMM format to InfoWorks CS format. Each model was upgraded with additional detail down to an 8-inch in sewer diameter in the sanitary service area and to an 18-inch sewer diameter in the combined sewer area. In all, 12 models were upgraded with additional detail and standardization.



**InfoWorks Sewer Model – Louisville
Combined Sewer Service Area**

Sewer modeling guidelines were also developed to standardize the technical design of each model. Each of these models will be utilized for analyzing various solutions for the elimination of SSOs and mitigation of CSOs, both individually and collectively. The models will also be an essential part of the capacity assurance program by providing a baseline for comparison when considering new capacity requests and assessing sewer rehabilitation needs.

To support the calibration and validation of the upgraded sewer models, approximately 145 flow meters were placed throughout the Louisville sewer system from early January 2007 through June 2007 to record dry and wet weather flows.



2007 Flow Monitoring Locations

Evaluation of the capacity limitations of the regional and small WTPs was initiated during the reporting period. Electronic forms were developed that incorporated the requirements of the Composite Correction Program Comprehensive Performance Evaluation.

Run Trunk and the Mill Creek Trunk. The storage will be integrated into the Global Optimization RTC system. The bidding phase for the construction of this project began during this period. This project will be completed by December 31, 2008, in accordance with the Consent Decree.

- RTC at CSO 108 (Budget ID I03588) – This project, part of Phase 2 of the RTC program, involves improving the connection between the Beargrass Interceptor and the Beargrass Interceptor Relief Sewer and automating the control of flow through these systems and, therefore, Nightingale Pump Station. The design phase of the project began during this period. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Southwestern Pump Station/Main Diversion Structure/Morris Forman WTP (Budget ID I05056) – This project, part of Phase 2 of the RTC program, links the Southwestern Pump Station, Main Diversion Structure, and the MFWTP with the Global Optimization RTC system. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Wheeler Basin (Budget ID I05057) – This project, part of Phase 2 of the RTC program, employs additional controls to better utilize approximately one million gallons of storage in the trunk line that drains the Wheeler Basin. The design of this project was underway during this period. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- CSO 206 Separation (Budget ID I01061) – This project includes the separation of combined sewers on the most upstream CSO on Middle Fork of Beargrass Creek. The sewershed had been divided into 15 sub-areas. Construction on the separation of areas 1-9 has been completed. Separation of areas 10-12 was on-going during the reporting period. This project will be completed prior to March 31, 2009, in accordance with the Consent Decree.

1.4.2.2 Final Long Term Control Plan

Efforts associated with the final LTCP continued through this reporting period and included the following activities. Refer to Appendix A-5 for a chart showing a schedule of the activities described in this section.

- Continued development of the value-based risk management approach to evaluating control alternatives for both the LTCP and the SSDP. This development is part of the stakeholder process described in Section 1.5.3 in this document;
- Development of a draft cost estimating protocol to be used in both the LTCP and the SSDP;
- Continued work on conversion of sewer system models from XP-SWMM to InfoWorks, and integration of the CSS and SSS models for the MFWTP service area;
- Identification of potential CSO control strategies, screening of technologies, and development of preliminary control concepts for each of the CSOs;

- Initiation of work to update the ORSANCO Ohio River water quality model for the Louisville area;
- Initiation of an ecological survey for Beargrass Creek to assist with prioritization of CSO LTCP projects;
- Initiation of a survey of existing recreational uses of the Beargrass Creek and Ohio River in Jefferson County, and the development of potential water quality compliance approaches for both water bodies;
- Initiation of an evaluation of the potential to expand the treatment capacity of the MFWTP capacity; and,
- Water quality and in-stream hydraulic monitoring continued at selected receiving water locations to calibrate and validate a Water Quality Tool (WQT). The WQT will be used in the development of a Total Maximum Daily Load (TMDL) for the three branches of Beargrass Creek, and also in LTCP process to evaluate the effectiveness of various CSO and SSO control alternatives. The WQT is comprised of three integrated models (HSPF, XP-SWMM and CE-QUAL Riv 1). The Tool was calibrated and validated during this reporting period, and meetings to finalize the modeling, begin load allocations, and draft the TMDL report are expected to be completed during the next reporting period. Additionally, the load allocations will provide an analysis of point source controls and their ability to meet water quality standards.

1.5 Public Outreach, Education, Notification and Participation

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

1.5.1 Public Outreach

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

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

July 10, 2006	District 20 Town Hall Meeting, Fern Creek Community Center - 6104 Bardstown Road
July 25, 2006	Jefferson Memorial Forest ECO summer Camp - Student tour of Floyds Fork WTP
August 02, 2006	U of L Environmental Science Department Whitney Young Scholars tour of FFWTP

August 28, 2006	Louisville Magazine Interview - Consent Decree article and tour of the Southwestern Outfall - Louisville Magazine did a story about the Consent Decree and MSD's focus for our community.
September 20, 2006	California Neighborhood Coalition – MSD representatives attended a neighborhood meeting as guest panelist to discuss Project WIN and address questions and concerns
September 21, 2006	City of Rolling Fields Council Meeting – At request of Mayor Bill Conway attended a council meeting. MSD attended meeting and talked about MSD community priorities in City of Rolling Fields. Staff brought map to show previous work and proposed / unbudgeted capital work in the city limits.
September 26, 2006	Tour of Sewer and Southwestern outfall for the Courier-Journal Newspaper
October 09, 2006	District 20 Town Hall Meeting, Middletown Fire Department
October 10, 2006	Councilwoman Bryant-Hamilton Neighborhood meeting at the Shawnee Park Golf Course Clubhouse.
October 12, 2006	Old Louisville Neighborhood Association Meeting –MSD attended to discuss Consent Decree and other priorities for the community.
October 16, 2006	Highland Business Association - MSD gave presentation about MSD's Consent Decree and priorities for the community.
October 17, 2006	District 14 Community Meeting at Sun Valley Community Center
October 24, 2006	Meeting w/ City of Hurstbourne – MSD gave 20 min. presentation on the Consent Decree and other MSD priorities. After presentation the City Administrator Ron Howard requested that MSD talk about flooding that occurred in September 2006. There were 24 homes that flooded in the city; many had never flooded before 2006.
October 24, 2006	Councilman Engel District 22 Public Town Forum meeting, Fern Creek Community Center
October 26, 2006	Natural Solutions Workshop. MSD partnered with Metro Parks, Natural Resource Conservation District, and Spence Native Nursery. MSD organized a two day workshop on natural solutions: subjects included porous paving, riparian buffers, native plants, rain gardens, and rain barrels. MSD also gave opening and closing remarks to emphasize the importance of Natural Solutions and their relationship to success with the Consent Decree.
October 30, 2006	At the request of Rep. Brinkman MSD gave presentation on the Consent Decree and other MSD priorities and discussed drainage concerns with residents in City of Hurstbourne Acres.
November 1, 2006	Meeting with Treeline Estates. MSD gave Consent Decree presentation and discussed Floodplain Issues with residents.
November 1, 2006	MSD participated at the 2006 Kentucky Restaurant Association Exposition held at Churchill Downs Race Track. MSD distributed FOG educational materials, as well as pollution prevention information to expo attendees and members of the race going public.
November 2, 2006	Camp Taylor Neighborhood Association Meeting, at Councilman King's

	request, MSD gave a presentation on the Consent Decree and provided an update about projects scheduled for the Camp Taylor area.
November 04, 2006	Rain Barrel Painting Event at the Beargrass Creek Pump Station where 20 rain barrels were distributed during the family event.
November 14, 2006	Councilman Kramer's District 11 Town Hall meeting in Hikes Point
November 14, 2006	Beechwood Village City Meeting, at Mayor Loudon's request MSD attended this council meeting to give an update on the portable pumps, Tyne Rd DRI project, future Consent Decree Sanitary Sewer project and other initiatives that may be affect the neighborhood.
November 28, 2006	Bellarmino College, speak to business school class about Business Leadership, Community Outreach and MSD's Consent Decree and future initiatives.
December 13, 2006	Mill Creek Watershed Presentation on Consent Decree, Stormwater Management, and Rain Gardens and Barrels
January 17, 2007	Douglass Hills Estates Neighborhood meeting, Middletown City Hall.
January 20, 2007	Councilman Kramer's Neighborhood Meeting, at Saint Michael Orthodox Church.
January 27, 2007	Butchertown Greenway Invasive Vegetation Removal with 50 Volunteers
February 20, 2007	Kentucky Street Blockwatch meeting, Blockwatch group requested MSD to attend their monthly meeting to discuss Sept. 22 flood event, the Plumbing Modification Program, discuss Consent Decree issues.
February 24, 2007	Beargrass Greenway Invasive Vegetation Removal with 45 Volunteers
March 09, 2007	Living Lands and Waters Professional Development for Teachers Workshops including riparian buffer restoration and best stormwater management practices
March 12, 2007	Newburg Neighborhoods walk with Councilmember, Metro Police and the Department of Neighborhoods
March 16, 2007	Living Lands and Waters Professional Development for Teachers Workshops including riparian buffer restoration and best stormwater management practices
March 17, 2007	Living Lands and Waters Professional Development for Teachers Workshops including riparian buffer restoration and best stormwater management practices
April 03, 2007	Councilman Engel and Councilman Kramer Joint District Meetings. MSD discussed Consent Decree and drainage issues.
April 28, 2007	The Salt River Group reserved the FFWTP education center for a group meeting. MSD gave an overview of Consent Decree and discussed regional priorities with the group.
April 23, 2007	Scottsdale Neighborhood Association Meeting, MSD requested by Councilwoman Welch District 13 - to attend their meeting and give a presentation on the Consent Decree and drainage.
April 22, 2007	Party for the Planet: Earth Day 2007 at the Louisville Zoo. MSD sponsored a display booth to demonstrate how everyday activities can cause water pollution if not done correctly and how everyone can prevent water pollution by doing the right thing with chemicals and waste

	in their own yard.
April 29, 2007	Neighbors of Jefferson Memorial Forest Presentation on Native Plants, Rain Gardens, and Barrels
May 8, 2007	Rain Garden Workshop, held in MSD's Board Room. Presenters from MSD, Minneapolis, MN, and Madison, WI.
May 12, 2007	Community-wide volunteer project to label storm drains that go directly to Chenoweth Run Creek, 10434 Watterson Trail (next to City Hall) at the Jeffersontown Farmers Market Pavilion Beechwood Neighborhood Festival Rain Barrel Display and Raffle
May 14-18, 2007	The River Education Center was in Louisville. MSD co-sponsored the ORSANCO Floating Classroom. Six elementary schools of Jefferson County kids cruised on the river and participate in hands-on experiments in water sampling, wildlife study, mapping, etc. Farnsley Middle School Outdoor Classroom Installation with 60 students and 25 faculty/parents
May 18-19, 2007	St. Peter Claver Rain Garden, Lampton Street, installation with 20 Youthbuild and Green Team students.
May 29, 2007	EarthSave Louisville – Taste of Health at Louisville Slugger Field. MSD sponsored a booth and distributed MSD handouts and educational brochures along with sample bags of Louisville Green fertilizer. The information presented also demonstrated how to prevent non-point source pollution in everyday activities that can cause water pollution.
May 31, 2007	2379 Gladstone – Residential rain garden installed. Presentation made to the Mayor of the City of Kingsley.
June 11-12, 2007	Youthbuild E-Corps Class on rain gardens, native plants, urban ecosystems
June 16, 2007	Ohio River Sweep – MSD joined with Louisville Metro in locally coordinating the trash and debris pickup along the banks of the Ohio River.
June 23, 2007	First free rain barrel distribution of 60 barrels

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

February 28, 2007	Greenwood Elementary, 5801 Greenwood Road
March 2007	Kerrick Elementary, 2210 Upper Hunters Trace
April 17, 2007	Valley High School Gym at Mayor’s Community Conversation, 10200 Dixie Hwy
May 30, 2007	Shacklette Elementary, 5310 Mercury Drive
June 27, 2007	Southwest Government Center, 7219 Dixie Highway

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

July 17, 2006	Carter Elementary School cafeteria, 3600 Bohne Avenue
August 21, 2006	Fairdale High School's small gym, 1001 Fairdale Road
September 18, 2006	Iroquois High School gym, 4615 Taylor Boulevard
October 16, 2006	Waggener High School's small gym, 330 Hubbards Lane
November 20, 2006	Portland Community Center Gym, 640 N 27th Street
February 19, 2007	Sun Valley Community Center - 6505 Bethany Lane
March 19, 2007	Fern Creek High gym - 9115 Fern Creek Road
April 16, 2007	Central High gym - 1130 W. Chestnut Street
May 21, 2007	Westport Middle - 8100 Westport Road
June 18, 2007	Carter Elementary cafe - 3600 Bohne Avenue

1.5.2 Project WIN Public Meetings

As part of preparing the discharge abatement plans, MSD scheduled a series of Project WIN meetings during the reporting period. These meetings were held to inform the public about the history and evolution of Louisville’s sewer system, Project WIN, how the proposed sewer rate increase is related to the required Consent Decree response and what individual property owners can do to help improve stream water quality within Jefferson County. The mechanisms for communicating this message included a PowerPoint presentation, summary handouts and brochures on the various programs discussed. Question and answer sessions followed each set of presentations. Meetings were held on the dates and at the locations as follows:

April 24, 2007	Southwest Government Center
May 10, 2007	NIA Center
May 14, 2007	East Government Center
May 16, 2007	Central Government Center
May 24, 2007	Girl Scouts Building
May 29, 2007	Southwest Government Center

Copies of the PowerPoint presentation, the handouts and all the brochures distributed at the Project WIN meetings can be found on the Project WIN website described in Section 1.5.4.

1.5.3 Wet Weather Team Meetings

The process of organizing a Wet Weather Team (WWT) as outlined in Consent Decree Paragraph 22 has been completed and WWT meetings are underway. The first meeting occurred in the previous reporting period, providing the newly-formed WWT with an overview of MSD’s Consent Decree requirements, and establishing ground rules and protocols for conducting future WWT meetings. Ten WWT meetings were held during this reporting period, as detailed below.

- July 20, 2006 – This meeting provided an overview of MSD’s infrastructure system and the infrastructure upgrade program followed over the previous ten years.



- August 15, 2006 – This meeting was held at the MFWTP. Prior to the meeting, guided tours of the plant were held for WWT members. The meeting presented information on the Clean Water Act, introducing the concepts of water quality standards, beneficial uses of surface water, and the sources of pollution that threaten those uses. A financial overview of MSD presented the operating and capital budgets, MSD's rates and charges, and MSD's staffing levels. A presentation on MSD's RTC Project introduced the first of the CSO control technologies that will be considered during development of the overflow abatement plans.
- September 12, 2006 – This meeting introduced the concepts of value-based risk-management planning. The overall concepts were discussed, and an example of an analytical tool was presented. The WWT began the process of identifying community values that will be used in alternative evaluation.
- December 5, 2006 – This meeting continued the discussion of community values, and began defining baseline conditions and objectives for the non-financial values identified in September. An update on public involvement plans was also presented.
- January 18, 2007 – This meeting provided concrete examples of how the community values will be used in developing benefit/cost analyses, using specific examples and draft performance scales for a selection of non-financial values. The WWT also engaged in a discussion of the baseline conditions and long term objectives for the financial values identified in previous discussions.
- February 13, 2007 – This meeting presented specific problems and example response strategies for the Beechwood Village area. This provided the WWT team with a better understanding of how the benefit cost analyses would help select control alternatives. The WWT also began a detailed review of the draft performance measures to be used in the risk-management approach to value protection. A preliminary discussion was held on the relative weights of the identified values.
- March 15, 2007 – This meeting continued the discussion on problems and potential responses in the Beechwood Village area. Further discussion on relative weights of the values helped clarify the process for establishing final weighting factors in the future. Reviews of performance measures for additional values occupied the bulk of the meeting time. A brief update on the planned public participation efforts was also held.
- April 19, 2007 – This meeting continued the discussion of performance measures for additional community values. The values were categorized as "project-specific" or "programmatic" and the WWT discussed the different ways these categories would be used. The WWT continued discussions on a weighting system for the values, considering the project specific and the programmatic values.
- May 22, 2007 – This meeting presented specific examples of the values-based risk management approach using a draft version of the evaluation tool. This allowed an evaluation of the impact of the value weighing system on the overall benefit/cost analysis.
- June 21, 2007 – This meeting developed a final draft weighting system for the community values. A presentation on CSO control strategies began the process of

familiarizing the WWT with the technologies and approaches to controlling CSOs. Information was also presented to the WWT relative to the ISSDP conceptual approach, and the applicability of “green infrastructure” to wet weather planning.

All information provided to the WWT is available on the Project WIN website, at www.msdlouky.org/projectwin/.

1.5.4 Public Education and Notification

MSD continued efforts related to an in-house training program for employees related to the Consent Decree. Copies of the Consent Decree and supporting information were distributed to employees. The basic elements and obligations of the Consent Decree were reviewed. New employee training has also been modified to include information regarding the Consent Decree.

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

MSD also posts 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.

SECTION 2: Performance Overview

2.1 Unauthorized Discharges to Waters of the United States

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

This report does not include a complete accounting of the discharges and overflows associated with the September 22 and 23, 2006, severe storm event because this event was declared Force Majeure, for the reasons detailed below.

The Louisville, Kentucky area experienced a severe storm event on September 22 and 23, 2006. The storm event started on the morning of Friday, September 22, 2006, and continued until late afternoon on Saturday, September 23, 2006. The rainfall varied throughout the county, with maximum values recorded in excess of 11 inches. The rain totals approximate statistical storm events ranging from nearly a 100-year to greater than a 500-year return interval.

Specifically, the southern half of the county received rainfall amounts approximating the 100-year storm event, with lesser amounts recorded in the southern most part of the county. The northern half of the county received rainfall amounts approximating a 200-year or larger storm event, with the northeastern portion of the county receiving rainfall amounts approximating a 500-year or larger storm event.

Therefore, portions of our sewer system were inundated by the flood waters through most of the major streams in our community. Many of these and other areas were inaccessible and MSD personnel were not able to view many of these locations. Therefore, MSD believes there to be numerous overflow locations that were not witnessed by MSD personnel. Staff and crews performed field walks and identified several locations with damage to manholes, primarily within the area of inundation. Additionally, many ratepayers did not report interior overflows due to the severe nature of the storm event.

2.2 Overflows to Ground

Appendix C includes information related to MSD's overflows to the ground that did not reach waters of the United States for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Consent Decree.

2.3 Overflows to Interior

Appendix D includes information related to MSD's overflows to building interiors for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Consent Decree.

2.4 CSO Reductions

Appendix E includes the June 30, 2007, version of modeled Annual Average Overflow Volume (AAOV) for the permitted CSOs. Reduction in wet weather CSO volume was accomplished in the reporting period with the completion of these projects.

- CSO 87 Elimination (Budget ID I98354) – This CSO was eliminated on September 18, 2006, and certified on October 7, 2006, in accordance with the Consent Decree.
- CSO 81 Closure (Budget ID H07022) – This CSO was eliminated on September 7, 2006, and certified on October 7, 2006, in accordance with the Consent Decree.
- CSO 147 Elimination (Budget ID H06357) – This CSO closure project is nearing completion. The combined sewer has been separated on the public side, and a voluntary downspout disconnection program has been completed to eliminate storm flow to the sanitary sewer from roof leads. Over 75% of 233 homes with downspouts have been disconnected from the sanitary sewer. This CSO is estimated to have a CSO AAOV of approximately 1.3 million gallons per year.
- RTC Program Phase 1 - The Average Annual Overflow Volume (AAOV) for the entire CSS had been previously estimated at 4,471 MG. The RTC Phase I controls prevented the discharge of approximately 620 million gallons, or 14%, of the AAOV for Louisville's entire CSS during the nine month system verification period. Refer to Section 1.1 NMC 2 for additional information on this program. MSD is currently defining the procedures and efforts to report on the RTC performance on an annual basis.

Appendix F includes CSO flow monitoring information for the reporting period.

2.5 SSO Reductions

Estimation of SSO volume is not available in the same manner as it is for the CSO locations. The SSO volume reductions are estimates based on actual observations or from flow monitoring information. The following projects have been completed in the reporting period in an effort to reduce or eliminate SSOs located at, or associated with, the projects.

- Northern Ditch Pump Replacement (Budget ID C00158) – This project was completed on November 30, 2006, and certified on December 29, 2006, in accordance with the Consent Decree.
- Watterson Woods Wastewater Treatment Plant Elimination (Budget ID C06291) – This project was completed on December 14, 2006, and certified on December 29, 2006, in accordance with the Consent Decree.
- Sonne Pump Station Replacement (Budget ID F02325) – This project was completed on February 10, 2007, and certified on March 9, 2007, in accordance with the Consent Decree.
- Rosa Terrace Pump Station Pump Replacement (Budget ID F02322) – This project was completed on February 27, 2007, and certified on March 9, 2007, in accordance with the Consent Decree.

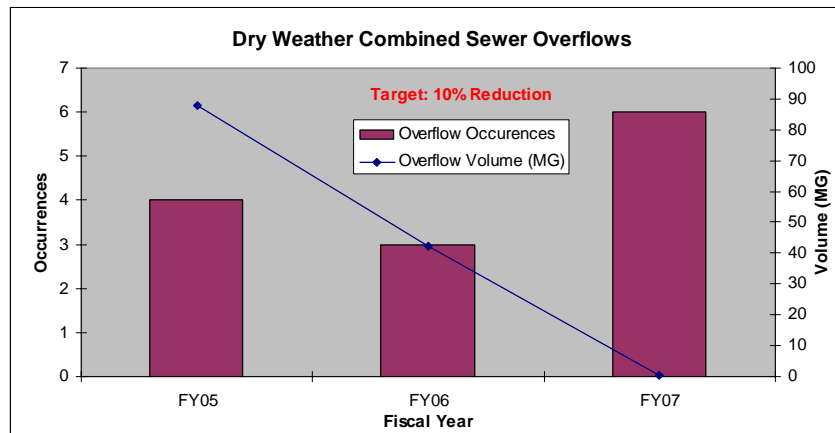
- Polo Fields Wastewater Treatment Plant elimination was completed as part of the Johnson Road Recapture Project which was funded by a private development company. The plant was eliminated on December 18, 2006.

2.6 Performance Measures

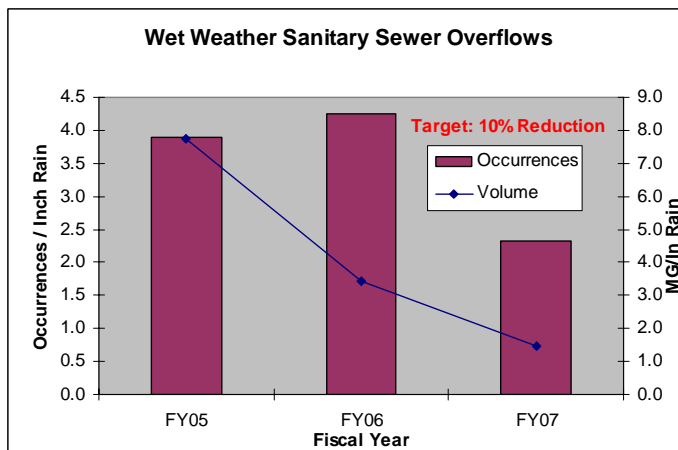
MSD has developed various performance measures in order to monitor the operation of the collection system and wastewater treatment plants, with the goal of reducing sanitary sewer overflows and improving water quality. Various performance measures are displayed for the past three fiscal years and compared with MSD's targeted goals. The development of the performance measures are discussed in Section 4 (M-D-2 Utility Information Management Support Plan).

2.6.1 Dry Weather Combined Sewer Overflows

MSD has implemented programs and provided resources to reduce CSOs that occur during dry weather. The figure on the right shows the number of occurrences of dry weather CSOs between fiscal years 2005 and 2007 in bar chart format and the associated annual overflow volume as a line. Although the number of occurrences has remained relatively constant (between three and six), the annual dry weather overflow volume from CSOs has dramatically decreased from approximately 87 MG to less than 0.5 MG. The high overflow volumes in fiscal years 2005 and 2006 were primarily associated with three pump station failures, two caused by loss of electrical service and one caused by a mechanical pump failure.



2.6.2 Wet Weather Sanitary Sewer Overflows

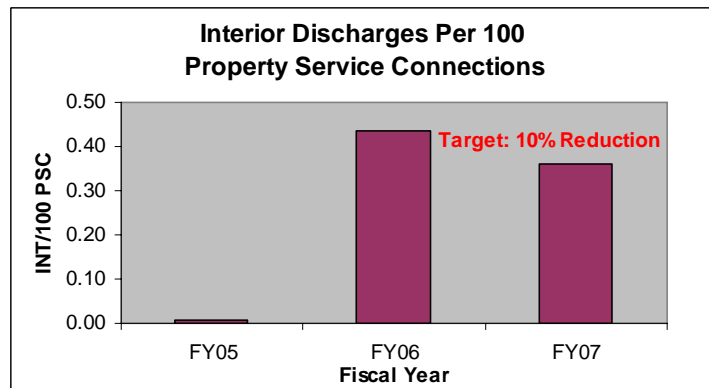


MSD is also committed to reducing SSOs that occur during wet weather events. The accompanying figure normalizes the data by dividing the number of occurrences and discharge volumes by the inches of rain during the reporting period to account for the fluctuating rainfall amounts from year to year. The figure shows a dramatic decrease in overflow volume, as indicated by the blue line. The reduction of

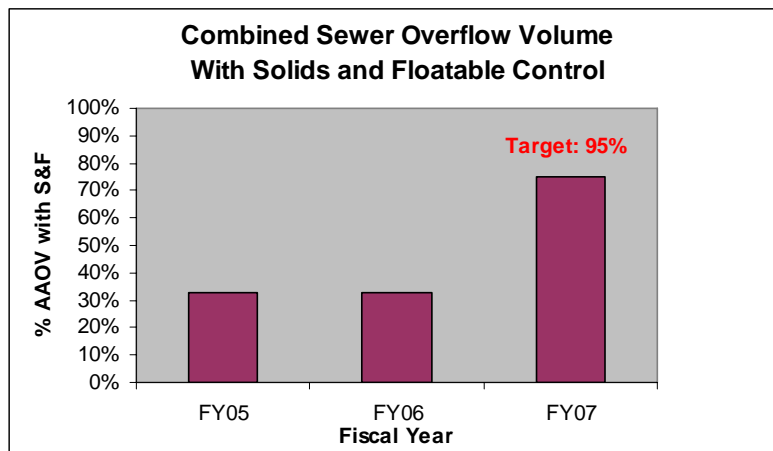
overflow volume is largely attributed to the placement of tanker trucks at pump stations that have high wet well level alarms. MSD staff utilizes the tanker trucks, which include portable pumps, to haul wet weather flow that is in excess of the pump station capacity. The figure also shows the number of occurrences was reduced in fiscal year 2007.

2.6.3 Interior Discharges

Interior overflows occur in a customer's home or facility. Those overflows that are MSD's responsibility are shown in the adjacent figure. Due to the increase in the number of PSCs being added to the system each year, the number of interior overflows (INT) is indexed to the number of PSCs. It should be noted that MSD did not record interior overflows in the Hansen Information Management System as a unique type of a discharge work order until FY06. Prior to that time, work was captured as Service Requests with associated repair work orders. This did not allow MSD to track actual overflows into interiors.



2.6.4 Solids and Floatables Control



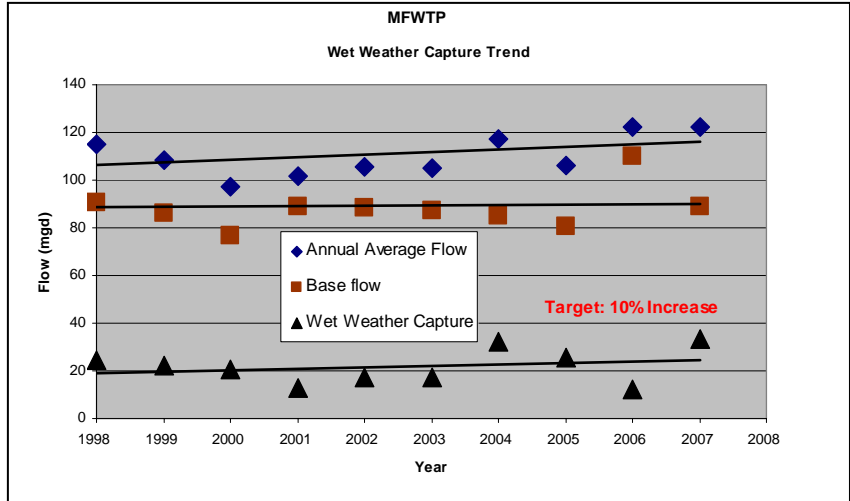
MSD has a targeted goal to install solids and floatables control devices to capture 95% of the modeled annual average overflow volume (AAOV). In fiscal year 2007, MSD installed solids and floatable (S&F) devices at 78 locations, which increased the percent of volume receiving solids and floatable treatment to 75%. Three CSOs currently do not have solids and floatables control devices due to the complexities of the sites

and requirements for major capital improvements. Those sites will be addressed in the final CSO LTCP.

MSD also has the goal to clean the solids and floatables devices within one week of a rain event. During this reporting period, there were 922 work orders to clean solids and floatables devices based on inspections after rain events. During the same reporting period, 96% of the solids and floatables devices were cleaned within one week of issuing the work order.

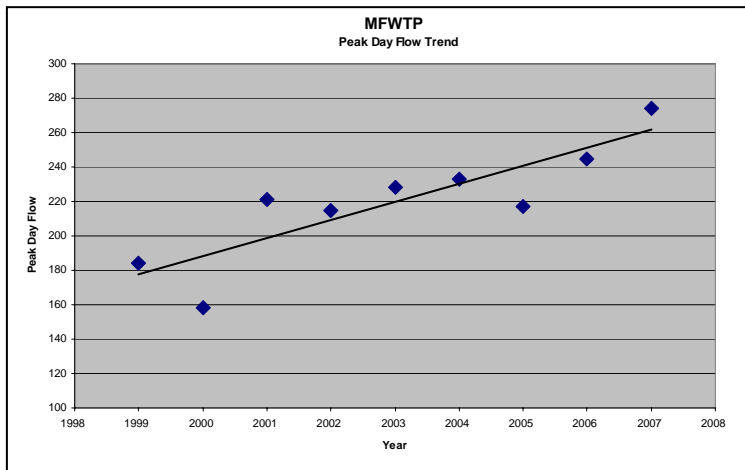
2.6.5 Wet Weather Capture

Over the past ten years, MSD has continued to increase the amount of wet weather flow treated at the MFWTP. The increase in treatment of wet weather flow (wet weather capture) is graphically shown in the adjacent figure. The wet weather capture is the difference between the annual average flow treated and the base wastewater flow. The figure shows that the base flow remains relatively constant over the past ten years. This is supported by the fact that the industrial customer base in



the MFWTP service area has decreased 3.7% over the past three years and the total customer base has only increased 0.04% during the same period. In contrast, the annual average flow and therefore the wet weather capture

show an increasing trend. The increase of wet weather capture is largely attributed to a combination of capital improvements at the MFWTP, development of wet weather operational procedures and implementation of RTC facilities in the CSS.

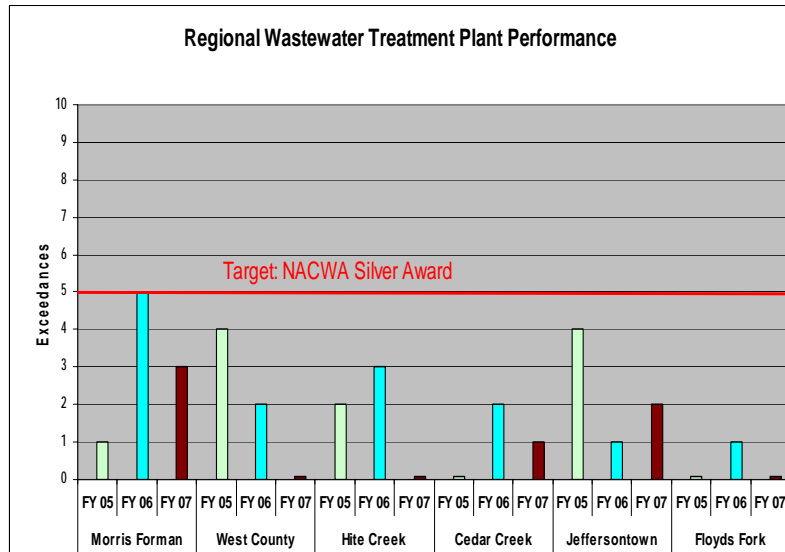


The improved plant wet weather flow capture performance is also reflected in the increasing trend in the peak day flow treated at MFWTP, as shown in the adjacent figure. Each data point represents the peak daily flow treated during the year. Although the

instantaneous peak hydraulic capacity of the MFWTP is 350 MGD, the sustained flow that can be treated on a daily basis is governed by performance of the biological treatment processes.

2.6.6 Treatment Plant Effluent Compliance

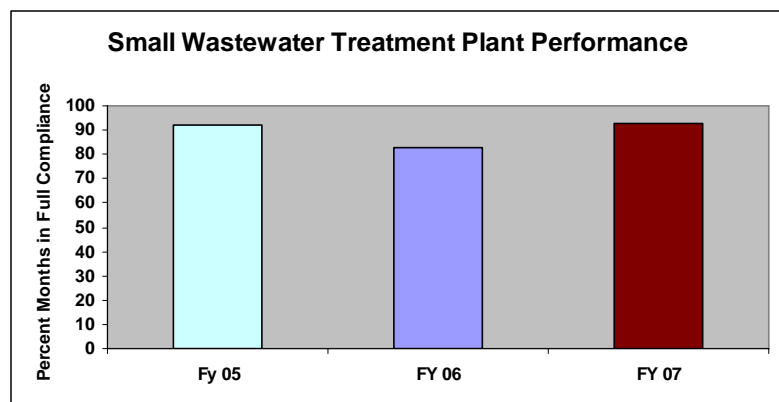
MSD’s policy is to operate all wastewater treatment plants in full compliance with the permitted effluent water quality standards. However, circumstances sometimes arise that cause wastewater treatment plants to exceed the permitted effluent limits. This reality is recognized by the National Association of Clean Water Agencies (NACWA), which gives awards at different levels (platinum, gold, silver) based on the number of effluent parameter exceedances during the year. Based on past operating history, MSD has established the target for all regional plants of receiving at least the NACWA Silver Award, which requires that the WTP have five or fewer exceedances per year of any permit parameters.



As shown in the figure above, the regional WTPs have achieved this goal for the last three fiscal years. During this reporting period, West County, Hite Creek and Floyds Fork WTPs were in 100% compliance with all permit parameters, while Cedar Creek had only one exceedance, Jeffersontown WTP had only two exceedances, and MFWTP had only three exceedances.

During the last decade, MSD has acquired 200 privately owned small WTPs (“package plants”) of which 184 have since been eliminated. In fiscal year 2005, MSD operated 21 small WTPs. Fern Hill and Nottingham Hills WTPs were eliminated in fiscal year 2006, and Watterson Woods and the Polo Fields WTPs were eliminated in fiscal year 2007. MSD will continue to operate the small WTPs until infrastructure is constructed to divert the wastewater flow to a regional plant and ultimately eliminate the small WTPs.

The small WTPs typically have very limited operating flexibility, and are subject to high levels of variability in loads. Small WTPs typically have much poorer records of compliance than larger plants such as MSD’s regional WTPs. This is the reason that MSD has aggressively eliminated small WTPs over the past decade. As part of MSD’s continuing efforts to improve small WTP performance, MSD has a



targeted goal of achieving full compliance with all permit parameters in 95% of the months. As shown in the above figure, 92% of the months were in full compliance in fiscal year 2005, whereas in fiscal year 2006 only 82% of the months were in full compliance. In fiscal year 2006, KCIW, Polo Fields, Watterson Woods and Lake Forest WTPs represented most of the exceedances. As mentioned above, Watterson Woods and Polo Fields have since been eliminated. Performance improved to 93% over this reporting period. The Beckley Station (Chenoweth Run) WTP was brought back into full compliance with the ammonia limits in September 2007 with operational changes. It is anticipated that with the goal of at least 95% of months in full compliance will be achieved in the next reporting period.

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

This section describes the anticipated projects and activities (CMOM activities can be found in Section 4 of this document) that are scheduled to be performed during the next reporting period (July 1, 2007, through June 30, 2008) for continued compliance with the Consent Decree.

3.1 Nine Minimum Controls Implementation

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

NMC 1: Proper Operation and Maintenance Program

- Completion of the siphon inventory, which will include maps, inspection procedures, cleaning procedures, system schematics and profiles drawings for each location.
- Construction activities will commence to remove the mechanical regulators within the CSS.
- Revise CSO components in Hansen to remove regulators.

NMC 2: Maximization of Storage in the Collection System

- Continuation of the review of pump stations within the CSS to determine if additional operational modifications are feasible, further maximizing operations and efficiently transporting more flow to the MFWTP for treatment.
- Completion and bidding of RTC Phase II Final Design, which includes the four RTC projects described in Section 1.4.2.1 Interim LTCP. RTC Phase II construction is to be completed by December 31, 2008, as required within the Consent Decree.
- Evaluation of the need to add flapgates to the CSO outfall pipes, further limiting the possibility for inflow of river/creek water into the CSS during high stream flow events.

NMC 3: Review and Modification of Pretreatment Requirements

- Completion of the Threat Matrix exercise to determine the NDDs having the greatest potential to impact the stream during wet weather events. These NDDs will undergo further evaluation of the potential implementation of controls. Follow-up inspections and meetings will be conducted at each NDD to discuss the requests listed in their respective letters and to review forms used to document impact minimization activities. The industries include: Forth Technologies, Solae, Kent Feeds, D.D. Williamson and BASF/Englehard.
- Follow-up meetings to requests for voluntary cooperation by these industries, where opportunities exist, will be performed. It is anticipated that the majority of the NDDs will participate voluntarily. In the event a NDD does not participate voluntarily, a notice of correction letter will be issued, giving the industry an opportunity to address the requests. In the event a NDD still does not comply with the request, a permit will be

issued / reissued to the NDD which obligates the industry to participate. The permit allows MSD to follow certain enforcement actions including issuing Notices of Violation (NOV), fines, compliance schedules and consent orders. Users may appeal the conditions of these permits per the Wastewater/Stormwater Discharge Regulations (WDRs).

- Continued implementation of the CSO-SIU project in conjunction with the LTCP preparation.

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

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

NMC 5: Elimination of CSOs During Dry Weather

- Evaluation of dry weather overflows, with emphasis on the CSS, to determine causes and to determine the need for corrective activities, such as the addition of backup generators.
- Completion of the analysis of locations throughout the District that historically have experienced excessive accumulation of fats, oils or greases (FOG) in sewers to determine if an engineered solution could cost-effectively and efficiently solve the maintenance problem. More details on this effort can be found in Section 4 of this report.

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

- A visual inspection program will be developed and implemented in the next reporting period to determine the efficiency of installed controls.
- The CSO 146 solids and floatables control baffle vault will be operational by December 31, 2007, and will be certified in accordance with the Consent Decree by January 31, 2008.

NMC 7: Pollution Prevention Programs to Reduce Contaminants in CSOs

- Facilitation of clean sweep events, coordinating volunteers to remove trash and debris from the waterways in Jefferson County. Clean sweep events are scheduled for September 23, 2007, and November 17, 2007.
- Development of a rain garden manual outlining design and installation procedures for homeowners.
- Facilitation of three rain barrel give-away events and a spring sale.
- Completion and distribution of 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. See NMC 8 for more details.
- Promotion of Green Infrastructure initiatives within Jefferson County, such as pervious pavement.
- Continuation of coordination with Louisville Metro staff for programs such as street sweeping, Operation Brightside, "Adopt-a-Highway" cleanup programs, and litter pick-up activities to maximize the efficiency of those operations and determine the amounts of materials as they relate to preventing solids and floatables from entering the CSS.

NMC 8: Public Notification

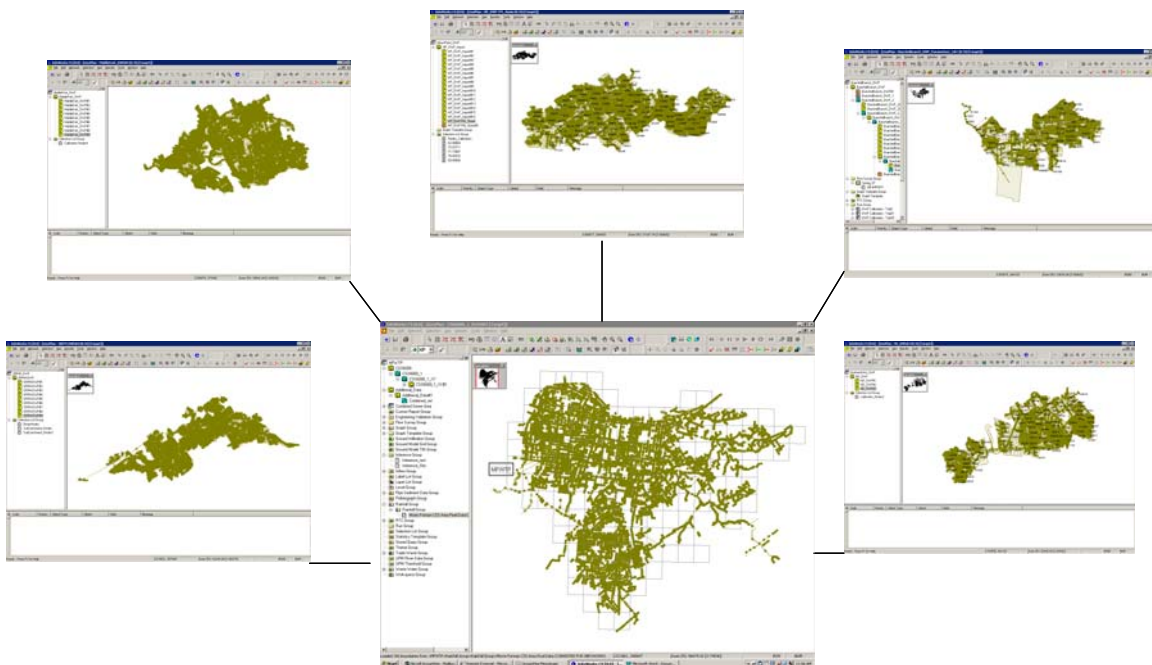
- Inspection of the Overflow Advisory Signs annually, before May 1, which is the official start of the recreational contract season in Kentucky. Missing or damaged signs will be replaced.
- Distribution of informational material, by May 1, providing a general overview and awareness relating to public health impacts associated with sewer overflows and an update of Project WIN initiatives.
- Distribution of information material, by May 1, to residents living within 500 feet of the Ohio River and Beargrass Creek, alerting them to wet weather issues, particularly how to minimize the risks of coming into contact with water that may contain sewage.
- Finalize a Recreational Contact Survey detailing the extent of potential human contact to impacted waterways during the recreational season. This study will be conducted by visual observations of recreational use in and nearby key locations along Beargrass Creek and the Ohio River within Jefferson County. The results of the study will be analyzed to determine if additional signage, information displays or other public notification efforts are warranted at locations of high use.
- Continuation of efforts to partner with various media outlets, including television media, to serve as a conduit for disseminating information to the public.

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

- A visual inspection program will be developed in the next reporting period to determine the efficacy of installed solids and floatables controls.
- MSD will perform sampling upstream and downstream of CSO 206 during dry and wet

weather to establish baseline conditions prior to its elimination. Wet weather sampling will also continue on a large scale within the Beargrass Creek watershed in anticipation of a rainfall in excess of 1-inch. The recreational use survey and sampling will be completed, documenting the public use of Ohio River and tributary waterways within the MSD service area.

- CSS characterization will be performed with a synthesis report. MSD will submit a synthesis report in December 2007 which will include a watershed description of land use, population, impervious area and various environmental parameters. The report will include a statistical analysis of water quality data collected within the Beargrass Creek watershed from 2000 through 2005.
- MSD will perform monitoring to characterize CSO impacts. MSD will continue to monitor its largest CSO for flow volume to continue to define the wet weather contribution of the overflows to the stream. A “side-looking” stream flow gauge will be installed near the mouth of Beargrass Creek and its confluence with the Ohio River to more accurately measure the backflow effects from the river on the stream and tie this data to dissolved oxygen readings in the area. Sonde data will continue to be collected through the USGS ADAPS site and additional quality control review procedures will be defined.



- The InfoWorks combined sewer model will be calibrated in preparation for simulating the CSO mitigation projects to be included in the final LTCP. CSO mitigation projects will be simulated within the model and analyzed for efficacy and collective impact. Additionally, this model will be truly integrated with the contributing separate sanitary sewer service areas into a complete sewer model for all areas flowing to the MFWTP.

- The WQT for the Beargrass Creek Watershed and the Ohio River model will be calibrated and pollutant load allocations will be simulated to attribute load to each source. The CSO control projects and their overflow volume reduction will be simulated within both models and the LTCP ability to meet water quality standards will be reviewed. Overall impacts of CSOs on receiving streams will be summarized using the results of these models combined with professional opinion of model limitations and additional environmental parameters. Water quality model development for other areas in MSD's service area will be considered.

3.2 Sewer Overflow Response Protocol (SORP) Implementation

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

Overflow Management and Field Documentation

- Additional SORP training documents and job aides will be developed to assist staff in all aspects of SORP implementation.
 - Sample Text guide for Spot Inspections
 - Step by Step guide for Overflow reporting
 - Volume Estimation Guide
- Refinement of the Overflow Report Form to assist in data capture.
- Field review of SORP procedures to both ensure successful implementation and to assist with the annual SORP overall review.
- Telemetry will be added to the Jeffersontown WTP siphon structure to facilitate data collection and overflow monitoring.
- MSD is developing a method to retrofit manholes with fixed elevation suction piping to minimize the volume pumped and flow sensors at the pumped locations to improve data collection accuracy.

Public Notification and Communication

- Inspection of Overflow Advisory signs, as described in Section 3.1 NMC 8, will be completed. The process will be enhanced to include inspection and repair/replacement work orders in Hansen. Schedules will be set up in Hansen so the annual inspection can be scheduled for the spring of each calendar year.
- The XY coordinates for all signs are scheduled to be added to the Hansen Inventory. In addition, a link from the Hansen sign inventory to the GIS will be created.

Regulatory Reporting and Data Management

- Electronic reporting updates requested by KDEP and EPA will be implemented. These updates include the addition of Clean Up Activity and Receiving Stream information on the initial email notification of an unauthorized discharge. In addition, a supplemental email will now be sent if a discharge work order was not completed prior to the initial reporting. The EPA contact name to receive the discharge notification emails will be changed from John Harkins to Sean Ireland.

3.4 Discharge Abatement Plans

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

3.4.1 Sanitary Sewer Discharge Plan

As noted previously, the schedule for development of the Sanitary Sewer System discharge abatement plan is shown in Appendix A.

3.4.1.1 Updated SSOP Implementation

The following projects are under design and/or construction, and will be active during the next reporting period: Refer to Appendix A-2 for a chart showing a schedule of the activities described in this section.

- Broadfern Pump Station Upgrade (Budget ID F02327) - Two new dry pit pumps will be installed along with new suction and discharge piping and pump level controller. Installation and testing will be completed by December 31, 2007, and certified within 30 days, in accordance with the Consent Decree.
- Fern Hill Subdivision Interceptor #8 (Budget ID C94086) - Necessary easements will be negotiated during the next reporting period, in order to complete the construction by March 30, 2009, in accordance with the Consent Decree.
- Thurman Drive Pump Station Elimination (Budget ID B06299) - Design will be completed and the project will be advertised for construction. This project will be completed by September 30, 2008, in accordance with the Consent Decree.
- Zabel Way Pump Station Elimination (Budget ID C06295) - The design will be completed and easement acquisition will commence. Construction will be completed by September 30, 2008, in accordance with the Consent Decree.
- Murray Hills Area Pump Station Upgrades (Budget ID F06297) – This project scope was revised after operating records were analyzed and it was determined that the Acushnet Pump Station (in the Murray Hills area) was the primary station in need of elimination. A gravity sewer will be installed to divert flow from the Acushnet Pump Station to an existing gravity sewer. The design of this project was completed in June 2007 and plans were submitted to the Kentucky Division of Water for review and approval. Project will be completed prior to September 30, 2008, in accordance with the Consent Decree.
- Interceptor Condition Assessment Phase 1 (Budget ID H04272) – The inspection portion of the Interceptor Condition Assessment Phase 1 (Budget ID H04272) was completed prior to July 1, 2006. In the next reporting period, MSD will schedule and begin corrective/rehabilitation projects to address the Phase 1 findings from the Interceptor Condition Inspections. Project will be completed prior to December 31, 2008, in accordance with the Consent Decree.

3.4.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)

The ISSDP will be submitted by September 30, 2007, in accordance with the Consent Decree. The actual submittal and the implementation of this plan, upon approval, will continue during the next reporting period, with preliminary engineering, route selection, easement acquisition and related activities underway on the following projects:

- Beechwood Village – The proposed plan will include the replacement of the neighborhood sanitary sewer collection system to reduce the inflow and infiltration to the Sinking Fork Interceptor. The scope will include installing new property service connections to individual homes and possible plumbing improvements in nearly 600 residences. In addition, the hydraulic constriction of the downstream Sinking Fork Interceptor at the Shelbyville Road crossing will be relieved with the addition of a Sinking Fork Relief Sewer.
- Highgate Springs and Hikes Point Area – The proposed plan will include a new Hikes Lane Interceptor that will convey the wastewater upstream of the Highgate Spring Pump Station to the Southeast Interceptor, downstream of the Southeast Diversion Structure. This will allow the elimination of the Highgate Springs Pump Station. In addition, there are improvements to several existing sewers in the Hawthorne area which are caused by the excessive flows in the Goldsmith Trunk Sewer that will need to be expanded in order to eliminate the need for wet weather manhole pumping in the Hikes Point area.
- Southeast Diversion Structure - Construction will be required for a new relief interceptor parallel to the Southeast Interceptor from the Southeast Diversion Structure to the Northern Ditch Interceptor. A new junction structure is expected to be constructed to connect this relief sewer to the proposed Hikes Lane Interceptor and Buechel Branch Interceptor.
- West County WTP Wet Weather Equalization and Treatment Project - Improvements described in previous three paragraphs will result in significantly more wet weather flow in the West County WTP and MFWTP service areas. The proposed plan will include the installation of a new interceptor parallel to the Northern Ditch drainage channel, allowing wet weather flow to be diverted from the MFWTP service area (currently through the Northern Ditch Pump Station) to the West County WTP service area. Construction of flow equalization and high-rate secondary treatment at the West County WTP.

3.4.1.3 Final Sanitary Sewer Discharge Plan Development

Refer to Appendix A-3 for a chart showing a schedule of the activities described in this section. The hydraulic models for the regional treatment plant sewersheds (Jeffersontown, Floyd's Fork, Cedar Creek, Hite Creek and West County) and the sanitary sewer sub-sewershed that are tributary to the MFWTP will be completed, calibrated, and validated. Work will begin on development and evaluation of SSO elimination alternatives. The evaluation of alternatives will use a standard cost estimating tool to allow for cost comparisons between sewersheds. The development of the benefit/cost evaluations will also use a standard tool that uses the value based the risk-management approach to quantifying benefits that was developed through the Wet Weather Team Stakeholder Group. For SSOs occurring in the sewersheds of the small treatment plants, the development and evaluation of mitigation approaches will begin using

more limited modeling approaches. It is anticipated that the initial development and benefit/cost evaluation of alternatives will be complete within the next reporting period, and the process of consolidating, validating, and prioritizing the alternatives will be underway.

With the identification of SSO elimination alternatives, these analyses may identify alternatives that result in additional flows being routed to wastewater treatment plants (either regional or small plants). For those plants that are projected to receive additional flows as a result of overflow elimination projects, a capacity review of that plant will be conducted in accordance with EPA guidance documents. Note that this evaluation will draw upon the results of capacity analyses also planned under the CMOM program. It is not known yet which plants will require capacity analyses. It is anticipated that the capacity evaluations will essentially be complete by the end of the next reporting period, and the resultant project costs included in the overall evaluation of alternatives.

Following the initial development, evaluation, and prioritization of the alternatives, an analysis of the programmatic performance of the alternatives will be conducted. After the preliminary list of potential projects is developed an analysis of potential rate impacts will be initiated. It is anticipated that discussions with regulatory agencies will be initiated during the next reporting period, to ensure that the regulatory compliance approach is understood and accepted by all involved parties.

3.4.2 Long Term Control Plan

As noted previously, the schedule for development of the LTCP is shown in Appendix A.

3.4.2.1 Interim Long Term Control Plan

The following projects are under design and/or construction, and will be active during the next reporting period: Refer to Appendix A-4 for a chart showing a schedule of the activities described in this section.

- RTC at Southwestern Outfall SWOR2 (Budget ID I05055) – This project, part of Phase 2 of the RTC program, involves the installation of an inflatable dam for storage near the upper end of the Southwestern Outfall. Storage will primarily occur in the Upper Dry Run Trunk and the Mill Creek Trunk. The storage will be integrated into the Global Optimization RTC system. Notice to Proceed is anticipated during this quarter. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- RTC at CSO 108 (Budget ID I03588) – This project, part of Phase 2 of the RTC program, involves improving the connection between the Beargrass Interceptor and the Beargrass Interceptor Relief and automating the control of flow through these systems and, therefore, Nightingale Pump Station. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Southwestern Pump Station/Main Diversion Structure/Morris Forman Wastewater Treatment Plant (Budget ID I05056) – This project, part of Phase 2 of the RTC program, links the Southwestern Pump Station, Main Diversion Structure, and the MFWTP with the Global Optimization RTC system. This project will be completed by

December 31, 2008, in accordance with the Consent Decree.

- Integration of Wheeler Basin (Budget ID I05057) – This project, part of Phase 2 of the RTC program, employs additional controls to better utilize approximately one million gallons of storage in the trunk line that drains the Wheeler Basin. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- CSO 146 Solids and Floatables Control (Budget ID H07026) – In accordance with the Consent Decree, a solids and floatables control capital project at CSO 146 will be operational prior to December 31, 2007.
- CSO 206 Sewer Separation (Budget ID I01061) – Areas 10 through 12 of this project are under construction, separating sanitary from storm sewer flow, and the entire project will be completed in accordance with the Consent Decree by March 31, 2009.
- CSO 206 Sewer Separation (Budget ID I01062) - Areas 13 through 15 (of 15 total) of this project will have final design completed, the contract will be bid out, and construction will commence prior to June 30, 2008. This project will be completed in accordance with the Consent Decree by March 31, 2009.

3.4.2.2 Final Long Term Control Plan

A brief description of the major activities planned in the next reporting period is contained in the following paragraphs. Refer to Appendix A-5 for a chart showing a schedule of the activities described in this section.

The hydraulic model of the CSS will be completed, calibrated, and validated. The models of the sanitary sewer system sewersheds that are tributary to the CSS will be merged into the CSS model, to allow a comprehensive evaluation of the impacts of SSO control project on the CSS.

Modifications will be completed to the Ohio River Valley Water Sanitation Commission (ORSANCO) model of a segment of the Ohio River in the vicinity of Louisville. Calibration and validation will be done, and the model will begin to be used in evaluating the impacts of CSOs on the water quality of a large river and resulting benefits of certain CSO abatement scenarios. If final model results confirm the preliminary findings, a water quality standards review may be performed in accordance with the CSO Policy and LTCP development guidance to address the inability of CSO controls to achieve water quality standards for bacteria during significant wet weather events. A potential approach will be drafted for review with regulatory agencies.

Water quality and in-stream hydraulic monitoring will be continued at selected receiving water locations, making data available to refine calibration of the Beargrass Creek Water Quality Tool. This tool will be used in the development of a TMDL for Beargrass Creek, and also in LTCP process to evaluate the effectiveness of various CSO control alternatives.

In addition to the ongoing CSS flow monitoring work, MSD is performing flow monitoring on approximately 22 CSO outfalls. Data obtained as part of this monitoring effort will be used to validate the CSO model and provide general guidance on the operational characteristics of the CSS.

In parallel with model development and calibration, a wide range of potential risk reduction approaches will be developed, and a preliminary engineering review of potential alternatives completed. This preliminary engineering review will screen potential alternatives based on a variety of factors related to protecting the community values identified by the WWT Stakeholder Group, including an assessment of the potential hydraulic and pollutant reduction, probable benefits towards achieving water quality objectives, consideration of sensitive areas, and probable costs. When the hydraulic modeling efforts are completed, the models will be used to help size abatement alternatives and assess the potential benefits of each alternative. The alternatives will be evaluated using the same standardized cost estimating tools and benefit/cost templates to ensure that the benefit/cost evaluations are on the same basis as is being used in the SSDP development. Preliminary alternative development and evaluation is scheduled to be completed during the next reporting period, and the process to consolidate, validate, and prioritize potential abatement approaches will begin.

Following the initial development, evaluation, and prioritization of the alternatives, an analysis of the programmatic performance of the alternatives will be conducted. After the preliminary list of potential projects is developed an analysis of potential rate impacts will be initiated. It is anticipated that discussions with regulatory agencies will be initiated during the next reporting period, to ensure that the regulatory compliance approach is understood and accepted by all involved parties.

3.5 Public Outreach, Education, Notification and Participation

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

3.5.1 Public Outreach

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

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

July 11, 2007	Home Builders Association – current sewer issues i.e. action plan updates, consent decree, capacity requests, I&I fixes etc.
July 16-18, 2007	Five Cities Water Professional Conference
July 17, 2007	District 20 Town Hall Meeting
July 24, 2007	Clifton Community Council- Meeting to discuss Consent Decree Impact on Projects

July 25, 2007	Meeting with Jefferson County Public Schools to discuss Green Solution Opportunities
July 28, 2007	Rain Barrel Distribution
August 1, 2007	Metro Council Budget Meeting – Rate Increase for Project WIN
August 9, 2007	Metro Council Vote on Rate Increase
August 15, 2007	Kentucky State Fair – Press Conference to Announce MSD Participation in 2007 State Fair Exhibit Hall
August 16-26, 2007	Kentucky State Fair - Environmental Display
August 16-26, 2007	Kentucky State Fair – Booth on Main Street – Project WIN Education
August 22, 2007	Southern Indiana Public Works conference on Pervious Concrete
August 27, 2007	District 22 and 23 Public Town Forum
August 28, 2007	Green Initiatives and Metro Government agency to form partnerships and identify sustainable community practices and implementation.
August 2007	Rain Garden Manual Publication for Distribution to Homeowners
September 11, 2007	Urban Ecosystems and Environmental BMP Presentation to Clifton Neighborhood Association
September 18, 2007	Stormwater Management, Native Plants and Ecosystems Presentation to the University of Louisville Urban Watershed Class
September 21, 2007	Stormwater Management, Native Plants and Ecosystems Presentation to Male High School
September 23, 2007	Beargrass Creek Clean Sweep
September 25, 2007	Mayors Water Summit - San Francisco CA - Louisville Metro's CD
October 2007	MSD plans to co-sponsor a visit from ORSANCO's water quality education and demonstration boat - the P.A. Denny. The boat is scheduled to be docked at the Louisville waterfront for a week in October, providing education opportunities for JCPS students and the general public.
October 1, 2007	District 20 Town Hall Meeting
October 1, 2007	Joint Agencies Discussion on LID/Green Infrastructure
October 2 2007	Presentation on Consent Decree, Address rate increase and senior citizen discount.
October 2 2007	JCPS meeting to discuss concept plan developed for elementary school located in the CS area implementing green infrastructure.
October 03, 2007	Environmental task force meeting - task force includes representatives of all government agencies with focus on partnerships and green building initiative.
October 09, 2007	City of Thornhill - Presentation on Consent Decree initiatives and any current or planned projects for area.
October 13, 2007	Rain Barrel Distribution
October 15, 2007	Site meeting with developer to discuss green alternatives and sanitary sewer issues within combined sewer area relating to the consent decree. Provided guidance on implementation of LID methods.
October 18, 2007	Crime Prevention Summit at Brandeis Elementary School - MSD will staff a table and distributed Project WIN educational materials, raffled one rain barrel and encouraged participation at upcoming scheduled



October 18, 2007	Project Win public meetings with residents
October 19, 2007	Meeting with Metro Works to explore partnering in high profile beautification project underway, and proposal for alternative plan to install a bio-retention swale and curb inlets to direct stormwater flows away from the CSS to reduce CSO's. Opportunity for Community education of green solutions in urbanized high traffic area.
October 24, 2007	Meeting to discuss green roof and educational table display proposal at MSD owned facility Beargrass Creek Pump Station.
October 25, 2007	Jeff. Co. League of Cities – presentation on the Consent Decree and recent rate increase
October 29, 2007	Bellermine College - Bud's speaking engagement with college students to discuss the role of leadership in business and current consent decree initiatives in our community.
November 01, 2007	Climate change committee - Discussion how to involve partnering to achieve mutual environmental benefits.
November 6, 2007	Sustainable Cities Forum – Keynote Speaker
November 8, 2007	MSD plans to participate in the 2007 Kentucky Restaurant Association Exposition November 8, 2007, at Churchill Downs Race Track. MSD will distribute FOG educational materials, as well as information on Project WIN to expo attendees and racing going members of the public.
November 10, 2007	Rain Barrel Distribution
November 13, 2007	Green Opportunities and Partnerships between Metro agencies.
November 17, 2007	Butchertown Greenway Invasive Vegetation Removal and Native Tree and Shrub Planting
November 27, 2007	Metro Council Transportation & Public Works Committee - Present overview of Consent Decree and the importance of continued support by Metro Council for future CD rate increases and bond rating for the community.
November 29, 2007	Ad campaign sponsorship 2008 - Meeting to discuss the focus of the HS marketing/advertising campaign to increase awareness about Project WIN initiatives and encourage community involvement.
December 11, 2007	Beechwood Wood Village Council Meeting - Update residents on Consent Decree Project status
December 13, 2007	Meeting with the Louisville Metro Housing Authority to present MSD's obligations required by the Consent Decree and explore partnership and opportunities for implementing Green Infrastructure for Government owned properties.
December 14, 2007	MSD hosted a workshop on Pervious Concrete Hydrological Design and Resources training for the Kentucky Ready Mixed Concrete Association & The Kentucky Concrete Pavement Association.
December 15, 2007	Rain Barrel Distribution
January 19, 2008	The theme for the 2008 KY Derby Festival Conference is "Going Green"! The KY Derby festival committee has requested a representative from MSD to sit on the panel and talk about Green Initiatives



February 5, 2008 – April 22, 2008	MSD is sponsoring the 2008 Advertising Federation HS campaign. The Challenge: This year's marketing challenge is to create a marketing/advertising campaign that increases awareness about MSD's Project WIN and encourages our community to prevent both point and non-point sources of water pollution when possible.
February 22, 2008	Kentucky Nurseryman Association – Keynote Address
March 7, 8, 14, 21, 22, 2008	Professional development workshops for Living Lands and Waters on Consent Decree Stormwater Management
March 15, 2008	X-Stream Clean Sweep
April, 2008	Rain Barrel Sale
June 2008	Rain Garden Installation for the Clifton Neighborhood
August 17 – 27, 2008	Educational exhibit at the KY State Fair - exploring the underground world of sewers

MSD staff is scheduled to attend the following “District 12 Dialogues” at the request of Councilman Blackwell:

July 17, 2007	St. Paul Elementary School, 6901 Dixie Highway
August 29, 2007	Doss High School, Media Rm, 7601 St. Andrews Ch Road
September 26, 2007	Iroquois HS Gym w/Mayor Community Conversation, 4615 Taylor Blvd
October 24, 2007	Conway Middle School, 6300 Terry Rd
November 21, 2007	Greenwood Elementary, 5801 Greenwood Rd

Mayor's Community Conversation meetings are scheduled for the following dates in FY08:

July 16, 2007	Male High School, 4409 Preston Highway
August 20, 2007	Fairdale High School, 1001 Fairdale Road
September 17, 2007	Butler High School, 2222 Crums Lane
October 15, 2007	Seneca High School, 3510 Goldsmith Lane
November 19, 2007	Eastern High School, 12400 Old Shelbyville Road
January 28, 2008	To Be Announced
February 18, 2008	To Be Announced
March 17, 2008	To Be Announced
April 21, 2008	To Be Announced
May 19, 2008	To Be Announced
June 16, 2008	To Be Announced

3.5.2 Project WIN Public Meetings

During the next reporting period MSD, will be conducting the second and third rounds of public meetings to provide an update on progress of the community's Consent Decree compliance, and to obtain input on the discharge abatement plans being developed. The first round of meetings held during the previous reporting period, informed the public about the Consent Decree, about Project WIN, and what individual homeowners can do.

The second round of public meetings will provide an update on Project WIN progress, and obtain feedback from customers on the proposed Project WIN rate increase. The meeting will also describe the CSO and SSO issues that MSD is dealing with, and illustrate through a series of maps the locations of the CSOs and SSOs, and the likely locations for abatement projects in the future. An overview of available control technologies and approaches will also give the public an indication of the types of projects that may be occurring in their neighborhoods in the future. Ample time will be available for feedback from the general public on issues that affect their neighborhood. The schedule of meetings for the second round is as follows:

October 29, 2007	The NIA Center
October 30, 2007	Fern Creek Firehouse
November 12, 2007	East Government Center
November 13, 2007	Fairdale Playtorium Center
November 20, 2007	Sun Valley Community Center
November 27, 2007	Clifton Center
December 4, 2007	Shawnee Golf Course Club House

The third round of public meetings is scheduled for April and May 2008. The purpose of these meetings will be to present preliminary overflow abatement projects tentatively planned in the areas near the meeting center. Public input will be solicited relative to project location, project appearance, and project integration into the surrounding neighborhoods. Input from the public obtained during these meetings will be used to shape the final configuration of projects that are proposed for inclusion in the Wet Weather Plan.

3.5.3 Wet Weather Team Meetings

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

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

- August 2, 2007 – This meeting will focus on control strategies planned for CSO control. Both “green” and “grey” control strategies will be described. A video describing the Portland, Oregon, green initiative will also be presented.
- September 20, 2007 – This meeting will focus on control strategies for SSO elimination. A discussion of the range and scope of SSO problems will be followed by a discussion of the control strategies and technologies available to control SSOs. An introduction to the post-construction compliance monitoring program is also scheduled. Stakeholder input will also be solicited to help plan the second round of Project WIN public meetings scheduled to start in October.
- October 18, 2007 – This meeting will continue discussions on SSO elimination approaches, with a focus on infiltration and inflow (I&I) removal. Project WIN funding methods will be discussed, as the first in a series of discussions about the funding approaches. The draft outline of the Wet Weather Plan will also be distributed for comment.
- December 6, 2007 – This meeting will continue the discussion of I&I control approaches, and will deal specifically with the draft private property ordinance that has been proposed to Louisville Metro government. Further discussions of funding approaches are also scheduled.
- January 15, 2008 – In this meeting the preliminary results of water quality modeling updates for the Ohio River and Beargrass Creek water quality models will be presented. A discussion on the regulatory compliance impacts of the model results is scheduled. A discussion of the impacts of the different financing methods discussed previously is scheduled, along with the start of discussions about potential refinements to the MSD rate structure.
- February 16 – 2008 – This meeting will include a report on green infrastructure opportunities in the community. A further discussion of regulatory compliance approaches is scheduled, along with discussions about CSO control approaches.
- April 3, 2008 – This meeting will review the preliminary list of projects and summary results from the benefit/cost evaluations. A discussion of the draft post-construction compliance monitoring approach is scheduled, along with a discussion of the draft on-going education and outreach plan.
- May 15, 2008 – In this meeting, MSD plans to report on the third round of Project WIN public meetings. An introductory discussion of the programmatic evaluation and selection of WWP program elements is also scheduled, including a preview of the “knee of the curve” results, if available.
- June 19, 2008 - This meeting will continue the discussion of the draft list of potential projects, the knee of the curve evaluation, and how the overall cost of the program could affect future rates.

3.5.4 Public Education and Notification

MSD is developing an annual “calendar” of public information activities for the upcoming year. It is anticipated that the calendar will address unique activities such as Project WIN public

meetings held in support of SSDP and LTCP development, and also repetitive information and outreach activities. An example of repeating activities is MSD's plan to develop and disseminate information about control of household fats, oils and grease prior to the holiday season. MSD anticipates repeating this message every year before the holidays. Messages will also be developed and disseminated prior to the winter wet weather season, the summer recreation season, and the autumn lawn-clean-up season.

The following materials will be developed for distribution within the next reporting period:

- FOG postcard with plastic grease scraper
- FOG brochure
- SSO brochure
- Holiday Tips Postcard
- New Year's Resolutions advertisement and posters

Information related to this Consent Decree and Project WIN may be found at www.msdlouky.org/projectwin/.

- M-E-2 Design and Construction Standards (Due June 29, 2007). MSD's design and construction standards were reviewed to identify opportunities to reduce unauthorized discharges through revised design or construction management practices. This review process included a cross-divisional committee of senior MSD staff. A Technical Memorandum documenting the review process and recommendations was prepared.
- M-E-3 Initial Continuing Sewer System Assessment (Due December 31, 2007). MSD initiated the development of standard methodologies to assess sewer conditions and maintenance programs for at-risk assets. MSD evaluated and selected the Hansen Advanced Asset Management module to serve as the basis for the collection system asset management system. The module utilizes existing asset information (age, material, and inspection results) to provide strategic life cycle planning recommendations based on risk management principals (consequence of failure times probability of failure).
- M-E-6 Major Facility Capacity (Due March 31, 2007). MSD completed a capacity evaluation for its six regional wastewater treatment plants and high priority pump stations. Given the extensive background information available for the regional treatment plants, flow capacities were determined by reviewing the most recent engineering design reports, stress testing reports, construction documents and performance certifications where available. The average daily flow and peak hour flow capacities were determined for all the regional wastewater treatment plants. The pump station capacities were verified by wet well draw down tests. A Technical Memorandum documenting the review process and findings was prepared.
- M-E-7 Facility Capacity Protocol (Due September 29, 2007). MSD began the process to evaluate the capacities for the pump stations and 17 small wastewater treatment plants. Flow capacities at the small treatment plants were determined by reviewing the most recent engineering design and construction plans, individual site visits, and performance certifications where available. This task also includes development of field data collection protocol for the Composite Correction Analysis (CCA) and updated pump station drawdown procedures.
- M-E-8 Current and Committed Capacity (Due February 28, 2008). MSD initiated a standardized process for determining available capacity for its treatment plants and predicting the timing of new development loads on each system. MSD also began the process of converting and standardizing its hydraulic models into a single InfoWorks CS platform to evaluate sewer main capacities in the collection system. MSD continued to refine a Capacity Certification program to address available system capacity for an expanding service area.
- M-E-11 Wet Weather Plan (Due December 31, 2008). The Wet Weather Plan is a comprehensive document that incorporates elements from CMOM, LTCP and SSDP. While it is referenced in the CMOM report, it is not primarily a CMOM document. In future reports this activity will be addressed under the Discharge Abatement Plan discussions.
- M-H-1 Fleet Equipment Plan (Due March 31, 2007). MSD reviewed current inventory of major sewer maintenance equipment, including year purchased, availability, and break-

down history. Additionally, CMOM goals relative to current resource levels allocated to cleaning and inspecting were reviewed. As a result of this review, MSD revised the staff allocation plan to assign additional crew members to cleaning and maintenance duties and placed orders for two additional vacuators and two additional tele-inspection vans.

- M-H-2 Inventory and Spare Parts Plan (Due December 31, 2007). MSD continued to develop a strategic inventory and spare parts plan. The goal of the Inventory and Spare Parts Plan is to optimize spare parts and tools procurement, storage and check-out procedures. An adequate inventory of spare parts, equipment and supplies are necessary to minimize equipment downtime and thereby reduce the potential for overflows. MSD also developed training programs and standard operating procedures to improve the operation of the Storeroom. Coordination meetings and a user survey were also conducted with storeroom customers in order to improve service and responsiveness.
- M-I-1 Customer Complaint Protocol (Due October 31, 2006). MSD utilizes written scripts for the customer service representatives. The scripts are frequently updated, as needed, by MSD's Information Technology staff based on requests from the Customer Service Department. MSD modified the script that specifically addresses basement back-up complaints. A Technical Memorandum documenting the review process was prepared.
- M-J-1 Ordinance Private Property (Due February 28, 2007). An ordinance was drafted that requires property owners to ensure property service connections (sewer laterals) are in sound condition and do not convey non-sanitary flows to the main sewer. It was submitted to a local government elected official for consideration by the Louisville Metro Council as specified in the approved CMOM Self Assessment.
- M-K-1 Water Quality Data Access (Due October 30, 2007). MSD has been collecting environmental data sets for years and storing the data in various locations and formats. The data sets include: precipitation, stream flow, sewer flow, biological stream, sonde and laboratory. MSD developed a plan for improving the accessibility of water quality data, which will be implemented during the next reporting period. A Technical Memorandum documenting the review process was prepared.
- M-L-1 Implement Back-up Power (Due December 31, 2008). MSD assigned an in-house team to work on back-up power implementation. MSD also selected natural gas as the preferred fuel for the generators and identified locations for natural gas sources at all locations. MSD continued to work on easement acquisition for the new generators. MSD also selected a consultant to assist with selection of generators and design of generator installations. Construction began at the pilot site - Westover Pump Station – during this reporting period.
- O-A-1 Update Pump Station SOPs (Due July 31, 2007). MSD uses routine operator inspections to ensure that its system of sanitary pump stations operate properly on demand. MSD reviewed pump station overflow data and best management practices (BMPs) to determine if changes in the Standard Operating Procedures (SOPs) were needed. Because MSD owns and operates over 300 pump stations throughout its collection system, varying in size, type and complexity, the SOPs were categorized by

pump station configuration (submersible, dry pit, etc.). The routine inspection checklists were updated and standardized based on these pump station configurations. A Technical Memorandum documenting the SOP revisions was prepared.

- O-A-2 Greenline Analysis (Due June 29, 2007). MSD completed the Greenline analysis for Hikes Point and Beechwood Village. The analysis included a review of existing data and reports, site investigations, field surveys, interviews with homeowners and engineering analysis. The evaluation determined that the Greenline elevations in five manholes can be raised without causing additional homeowner back-ups. The evaluation also identified minor modifications to the pumping system operations to further reduce the discharged quantities of the overflows. A Technical Memorandum documenting the findings and recommendations of the analysis was prepared.
- O-D-1 to O-D-5 Fats, Oil and Grease (FOG) Program (Due December 31, 2007). MSD completed an internal benchmarking study of other utility FOG programs and performed a comprehensive FOG program analysis. MSD began an evaluation of public educational activities associated with the FOG Program, defining the different audiences to target for FOG education and outreach activities. MSD began working on a FOG Policy and Guidelines which include a mechanism requiring new commercial development properties to include two separate sewer lines to accommodate future Food Services Establishments (FSEs). This requirement is being included in changes to the MSD Wastewater/Stormwater Discharge Regulations (WDR). Additionally, MSD is revising the Enforcement Response Plan (ERP) as part of this effort. MSD expects to present these documents to its Board for review in December.
- O-E-1 Tap Connection Protocols (Due June 29, 2007). MSD reviewed its Tap Connection Protocols. MSD has a written document to provide developers, engineers, and others with a concise listing of the items required by MSD to approve plans for MSD and non-MSD sanitary sewers and pump stations. As part of the review process, MSD made improvements by using a standardized capacity request form and having staff from multiple departments review the request. A Technical Memorandum documenting the protocol revisions was prepared.
- O-F-1 Flow Meter Inventory and SOP (Due March 31, 2007). MSD has completed an inventory and review of its historical flow monitoring program and developed a procedure to expand the meter coverage, improve quality of the collected data, and improve access to the flow data. Prior to 2007, approximately 460 meters have been placed in various locations throughout the combined and separate sanitary sewer systems, for various lengths of time. In addition to the historical flow monitoring, MSD installed approximately 145 flow meters from January 2007 through mid June 2007 to gather flow data in support of hydraulic modeling and sewer system improvements planning.
- O-F-2 Flow Data Access Improvement (Due March 31, 2007). Currently, MSD maintains and collects data from permanent flow meters in place throughout the sewer system to monitor pump stations, sewer flows, treatment plants, large industrial flows, RTCs, and sewer overflows. The flow monitoring data have been catalogued and entered into uniform databases. The locations of each flow meter associated with the data have been aggregated into a spatial file (shapefile) for use in GIS.

- O-F-3 Flow Monitoring Plan (Due September 29, 2008). MSD continued to develop a long term flow monitoring plan that included locations for permanent sewer flow monitors. The flow monitoring plan will include equipment for measurement and telemetry. Pre- and post-construction monitoring and green infrastructure monitoring is also being evaluated in the program.
- S-A-1 Modify/Develop Pump Station Preventive Maintenance Plan (Due June 29, 2007.). MSD reviewed its existing Pump Station Preventive Maintenance (PM) tasks and intervals at which they are performed. The individual task lists were evaluated by a Consultant and discussed with MSD and Consultant staff during several project meetings. The PM tasks were updated to reflect changes related to the number of pumps disassembled annually for inspection and the use of certified contractors for annual maintenance associated with generators, hoists and cranes.
- S-B-1 Force Main and Air Relief Valve Inspection Program (Due December 31, 2006). Analysis was completed on prioritizing the inspection of all of the estimated 143 miles of force main and 300 air relief valves in the collection system. A ten year inspection program has been created and organized for this cycle. Force mains were categorized into one of four groups to prioritize the inspection schedules. Group 1 Force Mains are the three force mains that present the highest risk of failure and receive annual inspections. Group 2 Force Mains include the force mains that have recent discharge work orders and will be inspected annually, over the next three years. Group 3 Force Mains are facilities that may warrant more attention due to location or previous history and are inspected on a three year cycle until staff review determines otherwise. Group 4 Force Mains are the remaining facilities that will be inspected on a minimum of a ten year cycle. For the 2007 schedule, staff has been identified and trained.
- S-B-2 Implement Force Main and Air Relief Valve Preventive Maintenance Program (Due June 30, 2007). MSD staff was trained to inspect and perform preventive maintenance on the force mains and air relief valves on three force mains. Approximately 25 of the 43 miles of force mains scheduled for the calendar year of 2007 have been inspected. Inspections have been performed by cross-divisional teams that include staff from Metro Operations, GIS Records, Human Resources and Engineering. Documentation and reporting procedures along with a training program have been completed.
- S-C-1 Gravity Line PM Risk Evaluation (Due January 31, 2008). MSD continued to develop an overall plan for preventive maintenance of gravity sewers. As part of this effort MSD is developing a staffing and resource plan for the division that maintains the sewers (sanitary, storm and combined) to ensure that the proper resources are available to maintain the system.

4.2 Program Activities for the Next Reporting Period (July 1, 2007 to June 30, 2008)

MSD plans to continue to implement and report activity for CMOM programs after the compliance deadlines are met. This section begins (Section 4.2.1) with those activities that are still in progress and have upcoming deadlines. Continued activities for completed tasks are reported in Section 4.2.2. Refer to Appendix A-6 for a chart showing a schedule of the activities described in this section.

4.2.1 Activities with CMOM Deadlines

MSD will continue to implement or complete the following CMOM activities during the next reporting period:

- M-D-3 Implement Utility Information Management (UIM) Support Plan (Due October 31, 2007). MSD's Information Technology Division will deploy the electronic dashboard, which will import data that is tracked in various MSD databases (Hansen, LIMS) and display the results along with MSD's performance targets.
- M-E-3 Initial Continuing Sewer System Assessment (Due December 31, 2007). MSD will purchase and install the Hansen Asset Management Program, train MSD's staff and develop an initial Sewer System Assessment by December 31, 2007. The Asset Management Program will allow MSD to use existing asset information (age, material, inspection results) to provide strategic life cycle planning recommendations based on risk management principals (consequence of failure times probability of failure).
- M-E-4 Annual Continuing Sewer System Assessment Update. (Due December 31, 2008). The Annual Continuing Sewer System Assessment (CSSA) Update Report will address accomplishments for each fiscal year and identify specific infrastructure rehabilitation/replacement projects and O&M actions based on asset condition assessment. The Annual CSSA Update Report will also propose areas of the system to assess for the coming year.
- M-E-5 Continuing Sewer System Assessment (Due June 30, 2008). The Continuing Sewer System Assessment (CSSA) will prioritize rehabilitation projects in July 2008. The CSSA will also continue to identify rehabilitation projects in the annual CSSA Update Reports. Prior to July 1, 2006, MSD completed an Interceptor Condition Assessment Phase 1 (Budget ID H04272) project. In the next reporting period, MSD will incorporate the findings and recommendations of the Phase 1 Assessment into the CSSA and will schedule and begin corrective/rehabilitation projects to address the Phase 1 findings.
- M-E-7 Facility Capacity Protocol (Due September 29, 2007). MSD will complete the documentation for the capacity evaluations for the pump stations and 16 small wastewater treatment plants. MSD will also develop the field data collection protocol for the System Capacity Assurance Program (SCAP). New drawdown tests will be completed on over 50 pump stations throughout the service area.
- M-E-8 Current and Committed Capacity (Due February 28, 2008). Treatment plant capacity and new development flow tracking will be streamlined as the Capacity Certification program is further developed. The hydraulic model will be used to evaluate the collection system for capacity deficiencies.
- M-E-9 Build-Out Capacity (Due September 30, 2008). MSD will begin to develop flow projections for build-out conditions of each sewershed. The analysis will identify the timing of flow additions, and the location and timing of potential future capacity limitations. During the next reporting period, MSD will complete the initial steps of the Floyds Fork Action Plan Update which will provide an analysis of the build out capacity of the major infrastructure of the sewersheds of the Cedar, Floyds Fork and Jeffersontown WTPs.

- M-E-10 Available Capacity SOP (Due February 28, 2008). MSD will improve the process to regularly review and update the capacity of operating assets. The current, committed and projected wastewater loads are routinely evaluated to identify current or projected capacity problems. The process to identify and evaluate mitigation approaches or capacity improvement projects will be developed. MSD will build and calibrate the comprehensive hydraulic models of the combined and separate sanitary sewer service areas. In addition to supporting the discharge abatement plans, these models eventually will be used to support future evaluations of new connection requests. The models include sanitary sewers 8-inch and larger in the separate sanitary area and 18-inch and larger in the combined area. The sewer models will be calibrated and validated during the next reporting period. Design storms will be run through each model and system capacity will be assessed using a common analysis.
- M-H-2 Inventory and Spare Parts (December 31, 2007). MSD will complete the inventory and spare parts plan by December 31, 2007. The goal of the Inventory and Spare Parts Plan is to optimize spare parts and tools procurement, storage and check-out procedures.
- M-K-1 Water Quality Data Access (Due October 30, 2007). MSD will complete work on improving and broadening staff access to the Laboratory Information Management System, the Plant Information system, sonde data, and sewer flow data. MSD will also evaluate the benefits of improving access to other portions of the environmental and system data collection sources.
- M-L-1 Implement Back-up Power (Due December 31, 2008). MSD will continue easement, permitting, design and procurement activities related to installing back-up power at strategic pump stations. Construction is scheduled to begin by November 2007 at the Breakwater, Trail Ridge, Wind Ridge and Grand Isle Pump Stations. Construction is scheduled to begin by December 2007 at the Anchor Estates #2, St. Patrick's, and Fairway Lane Pump Stations. The Glenview Hills Pump Station will be upgraded and have back-up power installed in 2008 as a part of a Lateral Extension Agreement with a developer. It was determined that an alternative to the natural gas generators may be needed due to the distance required to connect to a natural gas source.
- O-A-3 Implement Greenline Analysis (Due September 28, 2007). MSD will implement the recommendations of the Greenline Analysis Technical Memorandum for Beechwood Village and Hikes Point. The Greenline elevations will be raised at selected manholes and fixed length suction pipes will be fabricated. The pump operators will also be trained in the new procedures.
- O-A-4 Implement Pump Station Standard Operating Procedures (Due September 28, 2007). MSD operators will be trained to follow the updated Pump Station Standard Operating Procedures that were developed during the previous reporting period. The training program will review the routine inspection procedures for submersible pump stations, tank pump stations, underground pump stations, and ejector pump stations.

- O-A-5 Identify Facility Upgrades (Due December 31, 2007). MSD Engineering and Operations staff will continue to meet on a monthly basis to determine capital project priorities and budgetary needs. The budget will be adjusted as needed on a quarterly basis.
- O-D-1 and 3 Fats, Oil and Grease Program (Due December 31, 2007). MSD continued to work on a FOG Policy and Guidelines and continued to make changes to its WDRs and ERP that will support implementation of the FOG Policy and Guidelines. MSD will develop enhanced FOG educational materials for residential and commercial audiences and begin to distribute them at appropriate venues. MSD will conduct FOG training with employees which will focus on the CMOM Program, how MSD's FOG Program fits into the CMOM Program, common sources of FOG, the impacts of FOG in the collection system, as well as how MSD's Pretreatment Program can be used to require compliance from FSEs that cause or contribute to FOG collection system blockages/SSOs.
- O-F-3 Flow Monitoring Program (Due September 29, 2008). The flow monitoring plan will be updated as the LTCP and SSDP are developed to support the post construction compliance monitoring program being developed as part of the Wet Weather Plan. The equipment purchase, data delivery and quality control plan for an expanded sewer monitoring network is currently under review.
- S-A-2 Implement Pump Station Preventive Maintenance Plan (Due September 29, 2007). MSD operators will be trained to follow the updated Pump Station Preventive Maintenance Procedures that were developed during the previous reporting period. The training presentations will include pump station descriptions and photos, facility components, safety precautions, an applicable PM schedules for each of the general pump station types.
- S-C-1 Gravity Line PM Risk Evaluation (Due January 31, 2008). MSD will continue developing an overall plan for preventive maintenance of gravity sewers. As part of this effort MSD is continuing to develop a staffing and resource plan for the division that maintains the sewers (sanitary, storm and combined) to ensure that the proper resources are available to properly maintain the system.
- S-C-2 Integrate Maintenance Activities & Capital Improvement Plan (Due December 31, 2008). MSD will begin the process to integrate the information obtained in the CSSA Report to assist MSD's I&FP Division in identifying potential infrastructure assets requiring consideration for renewal or replacement. This CSSA Report will also be used to identify maintenance issues that should be addressed proactively

4.2.2 Continued CMOM Program Implementation

MSD plans to continue to implement and report activity for CMOM programs after the compliance deadlines are met. Continued activities for completed tasks are described below.

- M-E-2 Design and Construction Standards. As noted in Section 4.1, MSD has completed a review of its design and construction standards to identify opportunities to reduce overflows. As part of the updating process MSD is reviewing the design and

construction standards for other desired improvements and will complete the comprehensive updating during the next reporting period.

- M-H-1 Fleet Management. MSD currently uses SAP as its Fleet Information Management System (IMS). Although the SAP database captures pertinent fleet related data, it requires custom interfaces to access the data. Based on the valuation of fleet management completed in the current reporting period, MSD plans to implement a different Fleet IMS that will provide standardized interfaces and reports to track data that will improve both the management of the fleet assets and the operations of the Fleet Department.
- M-H-2 Inventory and Spare Parts Plan. MSD will continue to implement activities identified in the Storeroom Enhancement Plan, which was developed as part of the Inventory and Spare Parts Plan. MSD will continue to identify obsolete items, negotiate vendor warehousing on low-volume critical inventory items, and investigate bar-code scanning and labeling.
- O-A-2 Greenline Analysis. MSD will continue to review overflow elevations at pump stations and small wastewater treatment plants to improve information management and alarm notifications and to find opportunities to reduce the frequency and volume of unauthorized discharges while at the same time protecting properties from interior discharges.
- O-F-1 Flow Meter Inventory and SOP. The inventory of the physical meters owned by MSD is being updated to include more detailed information on each meter, such as the manufacturer, model, age, features, location, and purpose. Additionally, an expanded flow monitoring and telemetry system is under development in support of the following programs: Continuing Sewer System Assessment; Sewer Capacity Analysis; Capacity Assurance; and, RTCs.
- O-F-2 Flow Data Access Improvement. MSD will install additional permanent flow meters with telemetry equipment to facilitate remote communication of flow data and meter status back through MSD's website to the Oracle database. This process will preserve the flow data integrity and provide early indication of the need for calibration or maintenance. MSD staff will have the ability to see meter data in real time and identify meters in need of cleaning, calibration, or battery replacement. MSD will integrate the efforts of the Operations and Regulatory Services Division to set common goals in monitoring different points of sewer the system.
- M-J-1 Ordinance Private Property. MSD will discuss the proposed Ordinance with the Wet Weather Team Stakeholder group. MSD will modify the current draft Ordinance and resubmit to Metro Government representatives with a WWT recommendation to approve. MSD will also develop a pilot program to inspect and rehabilitate property service connections (PSCs) in areas prone for interior discharges caused by MSD's portion of the PSC.

S-B-2 Implement Force Main and Air Relief Valve Preventive Maintenance Program. The program was implemented in June 2007. The following force mains are scheduled to be inspected over the next reporting period:

- Anchor Estates #1 (August 07)
- Anchor Estates #2 (August 07)
- Admiral Way (September 07)
- Avanti (September 07)
- Nightingale (September 07)
- ParkRidge (November 07)
- Rosa Terrace (November 07)
- Rubbertown (September 07)
- Chenoweth Run (November 07)
- Floydsburg (October 07)
- Kavanaugh Court (October 07)
- Kavanaugh Rd (October 07)
- Pope Lick (November 07)
- Lakelet Way (November 07)
- Mockingbird Valley (December 07)
- Meadow Stream (after January 08)

performed at no cost to the residents. Approximately 30,000 residents will be eligible for the screenings. The parameters of the screenings will include the types of health concerns most commonly associated with living in close proximity to industrialized areas including certain forms of cancer. The industrial facilities in the area include wastewater treatment, chemical and rubber production, electricity production, and other manufacturing plants typical of industrialized areas.

The neighborhoods identified for the screenings are Chickasaw, Park Hill, Park DuValle, Parkland, Lake Dreamland, California, and Riverside Gardens. The neighborhoods have been combined into four areas where health screenings will occur. The LMPHW staff will be in each area for a period of two weeks for a total of 85 hours at each site.

Medical staff will screen for high blood pressure, cholesterol levels, diabetes, low iron levels, and lead in children under the age of six. Respiratory tests for health problems such as asthma and screenings for colon, breast, cervical, bladder and prostate cancers will also be provided. All tests will be performed by licensed, professional medical staff.

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 later sub-section) the budget for this SEP was increased to \$1,200,000. The health screening was originally proposed to be completed by December 31, 2007, subject to the approval of the Health Department. A subsequent Memorandum of Understanding between MSD and the Health Department changed the completion date to June 30, 2008. On March 12, 2007, MSD delivered a check for \$1,200,000 to the LMPHW. LMPHW initiated the project on April 15, 2007 with completion mandated by June 30, 2008.

During the current reporting period the LMPHW established a steering committee to oversee the process and provide recommendations. A stakeholders group has been formed to assist with planning on the grassroots level and to facilitate the success of the screenings. Community healthcare providers have committed to the project, as well as the University of Louisville, School of Public Health and Information Sciences, to assist the LMPHW in accomplishing the screenings and tests associated with this project. At the end of the project a final report of what has been learned will be presented to the entire community.

A project manager was contracted April 15, 2007 and a team of the LMPHW Director's direct reports was assigned to the project. Weekly meetings were held by the Director, Project Manager and the Planning Group. A project plan consisting of a timeline, key milestones, deliverables, and sub-plan responsibilities was developed and implemented on May 31, 2007 (included in Appendix G).

A communications and awareness plan was developed to publicize the availability of the screenings. The guiding principle of the communication and awareness plan was to attempt to provide information and awareness of the screenings to the eligible participants. This includes direct mail, TV, radio and grassroots initiatives. To address the most frequently asked questions, a FAQ sheet was created and widely distributed via website and public meetings (included in Appendix G).

The target area was divided in four zones to make the screenings more manageable. Each zone was scheduled for a two week period. Approximately 5000 square feet of space was

required for the clinic and its support services. It was determined that due to size and time constraints that temporary structures were the best solution. Locations were secured in each zone. A school campus, a metro park and a church (the only permanent venue) were utilized. Locations required 24 hour secured, temporary power and water and meals for staff.

A financial forecast and line-item budget were developed based on the \$1.2 million allocated amount. The amount disbursed in the April 15, 2007 – June 30, 2007 period was minimal.

Based on preparations completed during the current reporting period, the health screening SEP will be completed in its entirety during the next reporting period. Screenings are scheduled to begin September 10, 2007, and be completed November 9, 2007. A preliminary final report of Phase I will be completed and available in January 2008.

The SEP is scheduled for completion by June 30, 2008. A final SEP Completion Report will be prepared by the Louisville Metro Department of Public Health and Wellness in accordance with the requirements of the Consent Decree.

5.3 Environmental Education Outreach and Public Outreach

The purpose of this SEP is to perform or provide funding for groups that will perform efforts 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 originally 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, divided among a number of different activities as described below. Completion dates for each of the activities are addressed in the detailed descriptions below.

5.3.1 Riparian Buffers

The riparian buffer SEP is intended to provide education, planning, and plant material for the development and implementation or restoration of riparian buffers along urbanized streams. Additionally, a demonstration project will be implemented that restores a small section of riparian buffer that will be a “No Mow Zone” to demonstrate the process and define expectations for prospective participants in the program. A total of \$250,000 (under Budget IDs J06130, J06131, and J06132) has been allocated to riparian buffers, with a final completion date of August 12, 2008. Specific projects being implemented under this SEP are as follows:

- Riparian restoration for the South Fork of Beargrass Creek at the corner of Lexington Road and Grinstead Drive. Metro Parks and Metro Public Works are in the process of upgrading, constructing and linking multi purpose trails throughout Jefferson County. A proposal from Bennett Knox, Metro Parks Natural Areas Manager dated November 9, 2006, is included in Appendix G. The proposal was accepted and Metro Parks notified by a letter dated December 11, 2005. A check for \$25,000 was sent to Metro Parks in January 2006. Work began under this project in November of 2006, and will be completed by August 2008. A progress report is included in Appendix G.
- Woodland restoration in Cherokee Park to address soil erosion and damage to the native landscape. MSD and the Olmsted Conservancy are working together to educate our community in ecologically sound landscape management. A notice of award letter to Louisville Olmsted Conservancy dated December 13, 2005, is included in Appendix G.

A check for \$35,000 was sent to Olmsted Conservancy January 2006. A brief progress report on expenditures and activities up through June 15, 2007, is included in Appendix G.

- Doctoral Support for two projects, "Assessing the Effects of Urbanization on Riparian Functions" and "Determining Streambank Nitrate Removal Potential Along an Impervious Surface Gradient in Harrods, Goose and Beargrass Creeks". A notice of award dated March 28, 2007, is included in Appendix G, along with a proposal for this work from the University of Louisville Biology Department.
- Of the \$250,000 allocated to this SEP, projects totaling \$75,000 have been identified, payment made to the implementing agency, and work initiated. Discussions are underway with Metro Parks and the Kentucky Transportation Cabinet (KTC) to use the remaining funds to construct a stormwater detention and treatment demonstration project on property currently owned by KTC at the intersection of Lexington Road and Grinstead Drive, just off the I-64 Grinstead exit.

5.3.2 Sustainable Landscaping

The sustainable landscaping SEP is intended to provide education, planning, and plant material for implementing sustainable landscaping for urban areas. Specifically, schools and in-fill low income housing will be targeted. The completion date is August 12, 2008, with a total funding allocation of \$100,000 (Budget ID J06134). Specific activities being conducted under this SEP are as follows:

- The Farm Literacy Project at Oxmoor Farm is a non-profit educational agency partnering with a working farm to teach the Louisville community about the processes and products of organic and local agriculture. The Farm Literacy program was granted a total of \$24,554 in June 2006 to increase awareness among the Louisville community, enabling urban people to identify their own role and responsibility in the food system through educational programs and technical assistance offered in partnership with a working farm. A letter notifying the Program of the award is attached. The Farm Literacy Program has trained more than ten volunteers who facilitated small group student programs. During calendar year 2006, 240 students attended farm education programs. In 2007, 957 students attended Farm Literacy programs. The SEP funding provided the opportunity for students to visit the farm and engage in a variety of activities which develop a greater capacity to grow one's own food. MSD is currently assisting the negotiation of a partnership with Louisville Youthbuild and the Farm Literacy Program. A progress report dated January 2007 and an additional letter dated June 2007 describe progress to date. A SEP completion report dated August 29, 2007, has been completed and is included in Appendix G.
- ACTIVE Louisville completed the conversion of a vacant lot adjacent to St. Peter Claver into an edible sustainable garden for Smoketown residents. This project focuses on growing food and follows the relationship of the vegetable garden to the kitchen. A notice of award letter dated December 2005 is attached. SEP funding of \$30,000 was sent in April 2006, allowing ACTIVE Louisville to develop an edible garden on a vacant lot in the Smoketown neighborhood. As part of the project, two small rain gardens were designed and installed adjacent to the community garden by Youthbuild E-Corps.

During calendar year 2006 more than ten garden plots grew vegetables for neighboring residents. The \$30,000 SEP funding allowed ACTIVE Louisville to procure additional funding from Active Living by Design and Healthy Eating by Design. These programs address the growing risk of obesity among low-income children. All SEP funding was expended during this reporting period and a SEP completion report was prepared in March 2007. A copy of the report is included in Appendix G.

- SEP funding to Louisville Youthbuild supports a Conservation Corps that provides intense environmental study in addition to the current education, job training, life-skills program model. This funding provides 675 hours of environmental service work for developing and installing rain gardens in West Louisville. The MSD SEP funding of \$45,000 allowed Youthbuild to form a completely new program of E-Corps. A team of young men and women between the ages of 17 and 21, spent eight weeks building a rain garden at a community center, maintaining Outdoor Classrooms, and teaching children about working farms as part of the Food Literacy Program. The team has continued into the academic year 2007-2008 and new at-risk students are working and learning about landscape maintenance and rain barrel construction. A copy of the MSD authorization letter dated January 31, 2007, is included in Appendix G. Also included in Appendix G is a progress report dated August 1, 2007, that describes the work completed during the reporting period, and a SEP completion report dated September 1, 2007.

Of the \$100,000 allocated for this SEP, projects totaling \$99,554 have been identified, and funding provided. These projects are currently underway or completed.

5.3.3 Outdoor Classroom

The Outdoor Classroom SEP continued support of the ongoing Outdoor Classroom program with Jefferson County Public Schools. This program was started under the MFWTP Agreed Order 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 all monies to be spent before August 12, 2010. Specific projects being implemented under this SEP are as follows:

- Kennedy Montessori Elementary was granted \$5,000 for continued development of an outdoor classroom. These outdoor classrooms serve as outdoor laboratories providing hands-on connections to the natural world. Kennedy Montessori held a Tree Transplanting Day November 2005 where more than 60 parents, students and volunteers planted native trees to the schoolyard. A letter notifying Kennedy Montessori Elementary of their award and a copy of the progress and budget report are included in Appendix G.
- RESTORE Earth Partnership Institute and Outdoor Classroom at Farnsley Middle School were granted funds to install a native courtyard at Farnsley Middle School. Traditionally, Outdoor Classrooms have been implemented and maintained by individual teachers and have had difficulty surviving due to dwindling educational system budgets. A team was formed July 2006 of two local environmental resource professionals and three middle school science teachers to address the integration of outdoor classroom curriculum with the legislated state curriculum. MSD designed and will oversee

installation of the native landscape outdoor classroom. The landscape plan has been accepted and construction began April 2007. A progress report is included in Appendix G. Funding was allocated to the following items:

- \$3,500 for native plant contract growing, installation and maintenance for Dropseed Nursery.
 - \$5,000 for native trees and shrubs from Woody Warehouse for both Farnsley Middle & Kennedy Montessori
 - \$1,000 for support materials, books, bird feeders and seed.
 - \$36,000 for hardscape Council Ring seating patio and rock “outcropping”
 - \$10,000 for Youthbuild Outdoor Classroom Maintenance. Outdoor Classrooms have continually struggled with maintenance issues especially through the summer months when school is out of session. E-Corps helped Jefferson County Public Schools (JCPS) by working through the Environmental Education Department. An E-Corps Team weeded, watered and planted Outdoor Classrooms under the supervision of a native landscape ecologist. Metro Parks has provided equipment and staff for volunteer events connected to SEP projects. In some cases, SEP money has brought in more than double the amount of funding with in-kind services.
- Of the \$100,000 allocated to this SEP, projects totaling \$50,500 have been identified and funding provided to the implementing agencies. For the remaining funds, proposals are being considered. Several proposals under consideration: including a proposal to provide additional funding to Farm Literacy for materials that will be used to construct a children’s garden pavilion featuring the use of rain barrels to store stormwater for garden irrigation, and implementation of stormwater management plan for Americana Immigration Center.

5.3.4 Kentucky PRIDE

This SEP provides Kentucky PRIDE organization \$200,000 for “implementation and/or expansion of PRIDE into the local and regional area”. The deadline for funding distribution was February 2006. A check for \$200,000 was sent to KDOW – Department of Enforcement for distribution to Kentucky PRIDE. A copy of the cancelled check is included in APPENDIX G.

5.3.5 Environmental Education Certification

This SEP provided \$50,000 to the Environmental Education Certification Program of the Kentucky Environmental Education Council (KEEC). A letter dated June 21, 2006, notifying the Program of this award is included in Appendix G. This is a new endeavor for the Commonwealth to provide certification for environmental educators. A progress report from Jane Eller, Executive Director of KEEC is also included in Appendix G.

5.3.6 Watershed Focused Environmental Groups

This SEP provided \$250,000 in grants to watershed focused environmental groups to allow them to provide water quality data interpretation for their group, and the general public. As part

of the agreement to delete the Lee's Lane Landfill reclamation, this SEP was allocated an additional \$100,000, for a total of \$350,000. The deadline for expenditure of funds is August 12, 2010. To date, the following groups have received funding under this SEP.

- \$50,000 to Louisville Jefferson County Environmental Trust through Metro Parks in order to hire an intern for monitoring conservation easements and transferring Trinity Conservation Easement to LJCET. A check for \$50,000 was sent to Metro Parks in January 2006. A progress report is included in APPENDIX G.
- \$50,000 to Soil Conservation District (SCD) for watershed education. SCD brings equipment such as microscopes and stream tables into the classrooms of our schools to explore how streams course through our community and needed habitat for the various species that live in those streams. A proposal from the SCD and an award letter dated December 13, 2005, are included in Appendix G. A check for \$50,000 was sent to SCD in February 2006. This program is underway.
- \$50,000 to Living Lands and Waters (LLW) for educational programs and clean sweeps for Ohio River, Salt River Watershed, Beargrass Creek Watershed. An award letter dated March 22, 2006, is included in Appendix G. A check for \$50,000 was sent to LLW in April of 2006. An additional \$100,000 (originally committed as part of the Lee's Land Landfill SEP) was given to LLW for invasive removal and replanting with native plant material along Beargrass Creek. An award letter for this second amount dated July 9, 2007, is also included in Appendix G. During January and February 2007, LLW staff cleared invasive vegetation along Butchertown Greenway on South Fork of Beargrass Creek. LLW is also developing an EX-Stream Clean Up Program for implementation in 2008 and an Educational Workshop for teachers and public currently planned for March 2008. A progress report from Living Lands and Waters is included in Appendix G.

All funding under this SEP has been distributed, and the programs are underway.

5.3.7 Bicycle and Pedway Connections Along K&I Railroad Bridge and Metro Park System

This SEP provided \$100,000 to the Louisville Waterfront Development for opening the K&I railroad bridge to pedestrian and bicycle access. A copy of the award letter dated January 17, 2006, is included in Appendix G. All funds were distributed in November, 2006. This project adds to the Mayor's multi-purpose county loop trail project. When finished, the trail will provide a connection from the Portland neighborhood, across the Ohio River to Indiana. The deadline was proposed as February 2007, subject to the approval of the Waterfront Commission. The progress report from the Louisville Waterfront Development Corporation included in Appendix G identifies that a study of existing conditions and integration approaches was required before the SEP could be completed. This study was completed in January of 2007, and the Waterfront Development Corporation has begun implementation. It is anticipated that this work will continue through the next reporting period, and a SEP completion report will be developed at that time.

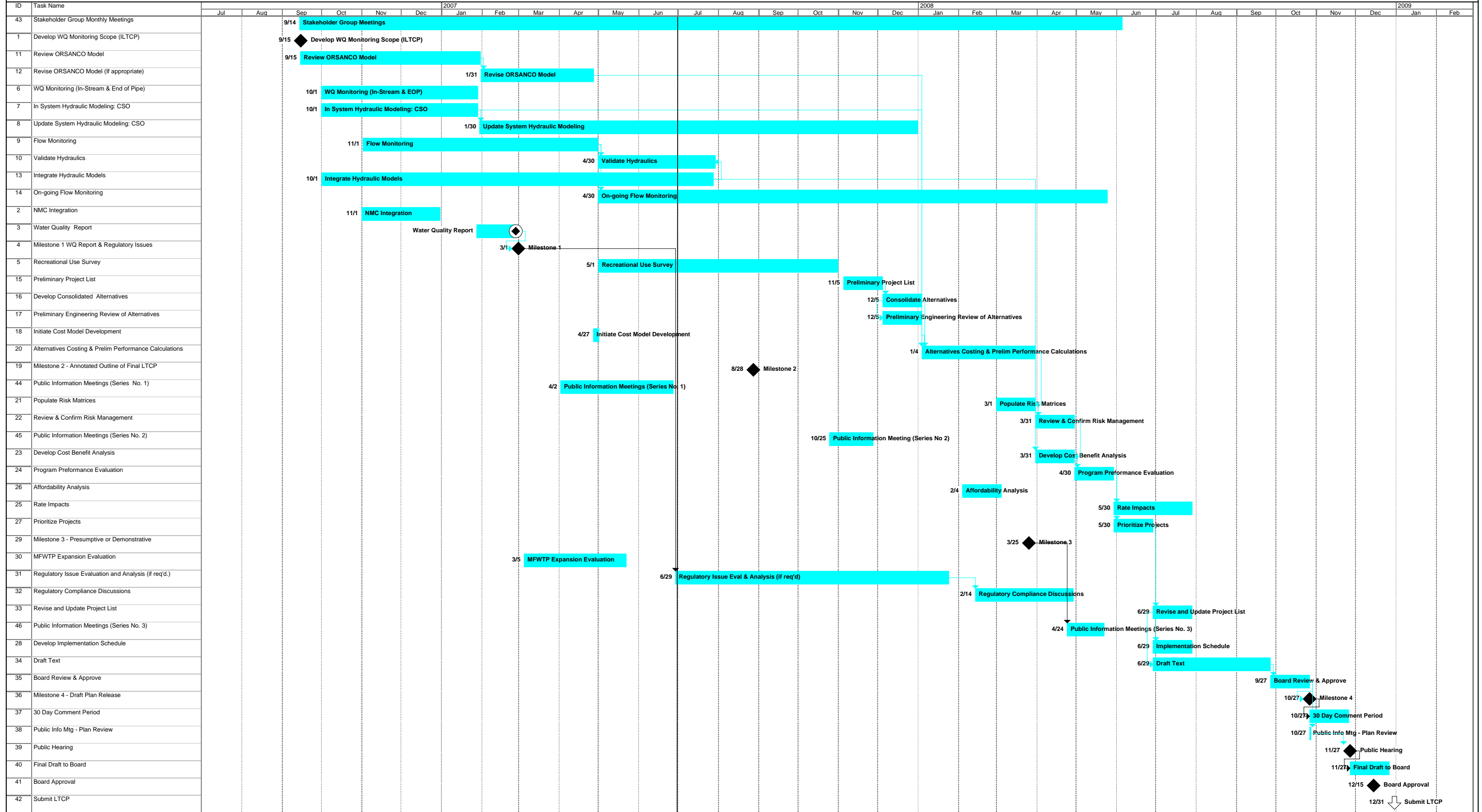
5.4 Property Reclamation and Community Connectivity

This SEP was intended to convert the former Lee's Lane Landfill into an area for public use. Overwhelming public opposition to this plan resulted in this SEP being eliminated, and the

\$300,000 associated with it redistributed to other SEPs as noted previously. A copy of the Amended Appendix A to the Consent Decree is included in Appendix G.

Appendix A – Activity Schedules (A-1 to A-6)

Appendix A-5 Final Long Term Control Plan (LTCP) Schedule



Refer to Sections 1.4.2.2 and 3.4.2.2
Date: Fri 12/21/07

Task Milestone Submittal ↓



Appendix A-5 Final Long Term Control Plan (LTCP) Schedule

ID	Task Name	2007												2008												2009											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb				

Refer to Sections 1.4.2.2 and 3.4.2.2
Date: Fri 12/21/07

Task Milestone ◆ Submittal ↓

Appendix A-4 Interim Long Term Control Plan (ILTCP) Schedule

ID	Task Name	2007												2008											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Capital Improvement Project List																								
2	1. CSO 81 Closure (Budget ID H07022)																								
3	Construction																								
4	Certification	Certification																							
5	2. Snead's Branch Solids and Floatables Improvements (Budget ID I05087)																								
6	Construction																								
7	Certification	Certification																							
8	3. Northern Ditch Pump Station Pump Replacement (Budget ID C00158)																								
9	Construction																								
10	Certification	Certification																							
11	4. CSO 146 Solids and Floatables Control (Budget ID H07026)																								
12	Preliminary and Final Design																								
13	Construction	Construction																							
14	Certification	Certification																							
15	5. RTC at Southwestern Outfall (Budget ID I05055)																								
16	Design																								
17	Construction	Construction																							
18	6. RTC at CSO 108 (Budget ID I03588)																								
19	Design																								
20	Construction	Construction																							
21	7. Integration of Southwestern Pump Station/MDS/MFWTP (Budget ID I05056)																								
22	Design																								
23	Construction	Construction																							
24	8. Integration of Wheeler Basin (Budget ID I05057)																								
25	Design																								
26	Construction	Construction																							
27	9. CSO 206 Separation (Budget ID I01061)																								
28	Construction																								

Refer to Section 1.4.2.1 and 3.4.2.1
Date: Fri 12/21/07

Task Summary Submittal/Certification



Appendix A-4 Interim Long Term Control Plan (ILTCP) Schedule

ID	Task Name	2007												2008											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

Refer to Section 1.4.2.1 and 3.4.2.1
Date: Fri 12/21/07

Task Summary Submittal/Certification ↓

Appendix A-6 CMOM Implementation Schedule

ID	Task Name	2007												2008										
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	M-D-1 Resubmit CMOM																							
2	M-D-2 UIM Support Plan																							
3	M-D-3 Implement UIM Support Plan																							
4	M-D-4 Revise UIM Support Plan																							
5	M-E-1 Inventory Protocols																							
6	M-E-2 Design & Const Stds																							
7	M-E-3 Initial CSSA																							
8	M-E-4 Annual CSSA Update																							
9	M-E-5 Continuing Sewer System Assessment																							
10	M-E-6 Major Facility Capacity																							
11	M-E-7 Facility Capacity Protocol																							
12	M-E-8 Current & Committed Capacity																							
13	M-E-9 Build-out Capacity																							
14	M-E-10 Available Capacity SOP																							
15	M-E-11 Wet Weather Plan																							
16	M-H-1 Fleet Equipment Plan																							
17	M-H-2 Inventory & Spare Parts Plan																							
18	M-I-1 Customer Complaint Protocols																							
19	M-J-1 Ordinance Private Property																							
20	M-K-1 WQ Data Access																							
21	M-L-1 Implement Back-Up Power																							
22	O-A-1 Update PS SOPs																							
23	O-A-2 Greeline Analysis																							
24	O-A-3 Implement Greenline																							
25	O-A-4 Implement SOPs																							
26	O-A-5 Identify Facility Upgrades																							
27	O-D-1 FOG Development Mods																							
28	O-D-2 FOG Inspection Benchmarking																							
29	O-D-3 FOG Public Education																							
30	O-D-4 FOG Enforcement Benchmark																							
31	O-D-5 FOG Enforcement Mods																							
32	O-E-1 Tap Connection Protocols																							
33	O-F-1 Flow Meter Inventory & SOP																							
34	O-F-2 Flow Data Access Improvement																							
35	O-F-3 Flow Monitoring Plan																							
36	S-A-1 Modify/develop PS PM Plan																							
37	S-A-2 Train and Implement PS PM Plan																							
38	S-B-1 FM and ARV Inspection PM																							
39	S-B-2 Implement FM & ARV PM																							
40	S-C-1 Gravity Line PM Risk Eval																							
41	S-C-2 Ingrate Maint Activities &CIP																							

Refer to Sections 4.1 and 4.2
Date: Fri 12/21/07

Task Task Completion ◆



Appendix A-1 Capital Improvement Projects

ID	Task Name	2007												2008											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Capital Improvement Project List																								
2	1. Gunpowder Pump Station Upgrade																								
3	Certification	↓ 7/28																							
4	2. Canoe Lane Pump Station SSO Abatement (Budget ID H03577)																								
5	Certification	↓ 7/28																							
6	3. CSO Elimination Projects																								
7	CSO87 (Budget ID I98354)																								
8	CSO 087 - Design	▶ 7/1																							
9	CSO 087 - Construction	◆ 9/18																							
10	CSO087 - Certification	Certification ↓ 10/7																							
11	CSO147 (Budget ID H06357)																								
12	CSO 147 Downspout Disconnections	◆																							
13	CSO 147 Evaluation	CSO 147 Evaluation																							
14	CSO 147 Elimination	CSO 147 Elimination																							
15	4. Real Time Control (Phase 1)																								
16	RTC Construction	◆ 8/12																							
17	RTC Certification	Certification ↓ 9/11																							

Refer to Sections 1.3 and 3.3
Date: Fri 12/21/07

Task Summary Submittal/Certification ↓



Appendix A-2 Updated Sanitary Sewer Overflow Plan (SSOP) Implementation Schedule

ID	Task Name	2007												2008											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	A. Capital Improvement Project List																								
2	1. Running Fox Sewer Replacement (Budget ID C06308)																								
3	Construction																								
4	Certification																								
5	2. Northern Ditch Pump Station Pump Replacement (Budget ID C00158)																								
6	Construction																								
7	Certification																								
8	3. Watterson Woods Wastewater Treatment Plant Elimination (Budget ID C06291)																								
9	WTP Elimination																								
10	Certification																								
11	4. Sonne Pump Station Pump Replacement (Budget ID F02325)																								
12	Design and Construction																								
13	Certification																								
14	5. Rosa Terrace Pump Station Pump Replacement (Budget ID F02322)																								
15	Design and Construction																								
16	Certification																								
17	6. Interceptor Condition Assessment Phase 1 (Budget ID H04272) and other Rehabilitation Projects																								
18	7. Broadfern Pump Station Upgrade (Budget ID F02327)																								
19	Installation and Testing																								
20	Certification																								
21	8. Fern Hill Subdivision Interceptor #8 (Budget ID C94086)																								
22	Design																								
23	Easement Acquisition																								
24	Construction																								
25	9. Thurman Drive Pump Station Elimination (Budget ID F06297)																								
26	Design																								
27	Construction																								
28	10. Zabel Way Pump Station Elimination (Budget ID C06295)																								
29	Design																								
30	Easement Acquisition																								
31	Construction																								
32	10. Murray Hills Area Pump Station Upgrades (Budget ID F06297)																								
33	Design																								
34	Construction																								

Refer to Sections 1.4.1.1 and 3.4.1.1
Date: Fri 12/21/07

Task Summary Submittal/Certification

Appendix A-2 Updated Sanitary Sewer Overflow Plan (SSOP) Implementation Schedule

ID	Task Name	2007												2008											
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

Refer to Sections 1.4.1.1 and 3.4.1.1
 Date: Fri 12/21/07

Task Summary Submittal/Certification ↓

Appendix B – Discharge Work Orders – Waters of the US

APPENDIX B
UNAUTHORIZED DISCHARGES
TO WATERS OF UNITED STATES
JULY 1, 2006 THROUGH JUNE 30, 2007

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
NO PLANT-GOES TO STREAM/RIVER	000000	342 W MAIN ST	03/04/07 9:52 AM	03/07/07 08:00 AM	6,543,600 GAL	Sewer Lift Station	MSD0303-FP	STREAM	OHIO RIVER	STATION PLACED IN FLOOD PUMPING MODE PER USACOE MANUAL TO AVOID FLOODING AND PROPERTY DAMAGE.	PUMPED DUE TO COE MANUAL	643361	CLEANUP NOT FEASIBLE DUE TO THE LOCATION OF THIS OVERFLOW.	THIS OVERFLOW WAS DUE TO MSD COMPLIANCE WITH USACOE FLOOD PUMPING PROTOCOLS TO AVOID FLOODING AND PROPERTY DAMAGE.
NO PLANT-GOES TO STREAM/RIVER	000000	342 W MAIN ST	03/20/07 9:00 PM	03/21/07 08:00 AM	880,000 GAL	Sewer Lift Station	MSD0303-FP	STREAM	OHIO RIVER	STATION PLACED IN FLOOD PUMPING MODE PER USACOE MANUAL TO AVOID FLOODING AND PROPERTY DAMAGE.	PUMPED DUE TO COE MANUAL	646768	CLEANUP NOT FEASIBLE DUE TO THE LOCATION OF THIS OVERFLOW.	THIS OVERFLOW WAS DUE TO MSD COMPLIANCE WITH USACOE FLOOD PUMPING PROTOCOL TO AVOID FLOODING AND PROPERTY DAMAGE.
NO PLANT-GOES TO STREAM/RIVER	000000	342 W MAIN ST	04/18/07 5:47 AM	04/20/07 04:30 PM	4,674,000 GAL	Sewer Lift Station	MSD0303-FP	STREAM	OHIO RIVER	STATION PLACED IN FLOOD PUMPING PER USACE FLOOD PUMPING PROTOCOLS TO AVOID FLOODING AND PROPERTY DAMAGE	PUMPED DUE TO COE MANUAL	658403	CLEANUP NOT FEASIBLE DUE TO LOCATION OF THIS OVERFLOW.	THIS OVERFLOW WAS DUE TO MSD COMPLIANCE WITH USACOE FLOOD PUMPING PROTOCOL TO AVOID FLOODING AND PROPERTY DAMAGE.
HITE CREEK	KY0022420	3651 COLLINS LN	04/24/07 10:30 AM	04/24/07 04:45 PM	350 GAL	Sewer Manhole	22117	STREAM	HITE CREEK	MAIN SEWER BROKEN DOWN.	STRUCTURAL FAILURE	660701	MSD CLEANED THE AREA AND USED A VACTOR TO REMOVE SOLIDS.	WORK ORDER #646310 - REPLACED 40FT OF 15INCH PIPE IN THE MAIN SEWER.
HITE CREEK	KY0022420	10723 COPPER RIDGE DR	07/14/06 8:30 PM	07/14/06 09:55 PM	200,000 GAL	Sewer Manhole	30520	STREAM	HITE CREEK	HEAVY RAIN IN AREA.	LACK OF SYSTEM CAPACITY	571676	SPREAD LIME AND HOSED AREA AROUND THE DISCHARGE SITE ONCE THE RAIN EVENT SUBSIDED.	RAIN EVENT RELATED
HITE CREEK	KY0022420	7250 FLOYDSBURG RD	02/13/07 1:20 PM	02/13/07 01:40 PM	300 GAL	Sewer Manhole	90776	DITCH	FLOYDS FORK	RAIN EVENT IN THE AREA.	LACK OF SYSTEM CAPACITY	638350	AREA WAS RAKED AND DEBRIS WAS HAULED, AREA WAS THEN WASHED DOWN.	HAULING PUMP STATION TO PREVENT FURTHER OVERFLOW.
HITE CREEK	KY0022420	7250 FLOYDSBURG RD	07/14/06 8:00 PM	07/14/06 09:15 PM	4,000 GAL	Sewer Lift Station	MSD1086-PS	DITCH	FLOYDS FORK	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	571681	RAIN EVENT RELATED OVERFLOW.	RAIN EVENT RELATED OVERFLOW.
HITE CREEK	KY0022420	7250 FLOYDSBURG RD	08/27/06 9:40 PM	08/28/06 12:40 AM	6,000 GAL	Sewer Lift Station	MSD1086-PS	DITCH	FLOYDS FORK	RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	581117	RAIN EVENT RELATED - CLEAN UP NOT FEASIBLE.	RAIN EVENT RELATED.
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	03/02/07 10:00 AM	03/02/07 12:30 PM	200 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	SEWAGE SPILLED WHILE REPLACING PUMP	BYPASS AT TREATMENT PLANT	643162	AREA RAKED AND DEBRIS HAULED. AREA WASHED DOWN.	THE PUMP WAS REPLACED. WORK ORDER #5160718
JEFFERSONTOWN	KY0025194	9902 TAYLORSVILLE RD	11/14/06 4:26 PM	11/14/06 05:11 PM	50 GAL	Sewer Manhole	28386	GROUND	CHENOWETH RUN	GREASE IN MAIN SEWER FROM APARTMENT COMPLEX.	GREASE BLOCKAGE	608367	WORK ORDER #608382 - CREW CLEANED AREA AROUND OVERFLOW LOCATION.	WO 608380 - MSD FLUSHED THE LINE AND WO 608381 - MSD VACTORED MAIN SEWER AND THE CREEK. IWD PLACED "FAT FREE SEWERS" BROCHURES IN APT ENTRYWAYS.
JEFFERSONTOWN	KY0025194	3406 DELL RD	07/14/06 7:45 PM	07/15/06 01:41 AM	19,440 GAL	Sewer Manhole	28415	GROUND	CHENOWETH RUN	HEAVY RAIN	LACK OF SYSTEM CAPACITY	571867	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED.
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	01/14/07 6:40 PM	01/14/07 08:00 PM	600 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	AERATION BASIN OVERFLOWED TO GROUND DURING A HEAVY RAIN EVENT. THIS WASTEWATER RECEIVED PRIMARY TREATMENT AND THE PLANT WAS MAXIMIZED.	BYPASS AT TREATMENT PLANT	630268	THE BULK OF THE OVERFLOW WAS VACTORED AND LIME WAS PLACED ON THE AFFECTED AREA.	THE BULK OF THE OVERFLOW WAS VACTORED AND REINTRODUCED INTO THE TREATMENT SYSTEM.
WEST COUNTY	KY0078956	8301 SAVANNAH SPRINGS CT	08/07/06 10:40 AM	08/07/06 04:10 PM	150 GAL	Sewer Manhole	108905	DITCH	SOUTHERN DITCH	DEBRIS BLOCKAGE IN THE LINE	OBSTRUCTION-NOT GREASE / ROOTS	577757	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER 577784 & 577785 - MSD FLUSHED THE LINE TO CLEAR THE OBSTRUCTION.
WEST COUNTY	KY0078956	5501 FERN VALLEY RD	01/05/07 3:00 PM	01/05/07 04:30 PM	30 GAL	Sewer Main	78846-V	CATCH BASIN	FERN CREEK	FORCE MAIN BREAK, NORTH OF SND78847-CO IN GRASS & PARKING LOT AREA	STRUCTURAL FAILURE	627994	AREA RAKED & DEBRIS HAULED, AREA WASHED DOWN,	MAC EXCAVATED & REPLACED BROKEN PIPE. CONCRETE CURB REPLACED, GROUND REGRADED, STRAW MAT & GRASS SOWED. PARKING LOT FILLED & ROAD BED COMPLETE.
WEST COUNTY	KY0078956	4807 MUD LN	06/23/07 7:50 PM	06/23/07 09:30 PM	30 GAL	Sewer Manhole	79650	GROUND	FISHPOOL CREEK	GREASE BLOCKAGE IN MANHOLE LEADING TO PUMP STATION.	GREASE BLOCKAGE	680635	RAKED AREA AND SPREAD LIME AROUND MANHOLE	FLUSHED LEAD TO RELIEVE WATER - WORK ORDER #680636
WEST COUNTY	KY0078956	11621 LOWER RIVER RD	10/17/06 12:01 AM	10/17/06 08:00 AM	5,000,000 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	AVAILABLE EQUIPMENT LIMITS EXCEEDED DUE TO FLOW DURING RAIN EVENT	BYPASS AT TREATMENT PLANT	597392	DAMAGED AREA TO CONTROL BYPASS. PUMPED ALL POSSIBLE BACK INTO PLANT FOR TREATMENT. VACTORING ALL POSSIBLE REMAINING SEWAGE & REMAINS BACK TO PLANT LIME	MAKING REPAIRS TO ADDITIONAL EQUIPMENT TO INCREASE CAPACITY.
WEST COUNTY	KY0078956	8901 ZABEL WAY	12/06/06 12:00 AM	12/06/06 12:30 AM	50 GAL	Sewer Lift Station	MSD1099-LS	DITCH	FERN CREEK	CHECK VALVE FAILED AT PUMP STATION.	MECHANICAL FAILURE	616450	A SMALL AMOUNT OF WATER OVERFLOWED TO A DITCH. THERE WAS NO DEBRIS IN THE DITCH.	MAINTENANCE REPAIRED THE CHECK VALVE - WORK ORDER # 4010907.
WEST COUNTY	KY0078956	8901 ZABEL WAY	03/01/07 6:45 PM	03/02/07 01:15 AM	300 GAL	Sewer Lift Station	MSD1099-LS	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	642843	AREA RAKED DEBRIS HAULED AND AREA WASHED DOWN	SAP WORK ORDER #5160686 ENTERED TO HAUL FROM LOCATION

APPENDIX B
UNAUTHORIZED DISCHARGES
TO WATERS OF UNITED STATES
JULY 1, 2006 THROUGH JUNE 30, 2007

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	804 N ARBOR DR	07/14/06 10:30 PM	07/14/06 10:50 PM	100 GAL	Sewer Manhole	00746	DITCH	MIDDLE FORK BEARGRASS CREEK	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	571678	MSD CLEANED THE AREA AROUND THE OVERFLOW LOCATION.	RAIN EVENT RELATED. 33,000 GALLONS OF SEWAGE WAS HAULED FROM THIS PUMP STATION TO AVOID ADDITIONAL OVERFLOWS - WORK ORDER #571680.
MORRIS FORMAN	KY0022411	804 N ARBOR DR	09/13/06 11:30 AM	09/13/06 11:35 AM	40 GAL	Sewer Manhole	00746	DITCH	MIDDLE FORK BEARGRASS CREEK	#1 PUMP POWER TRIPPED, #2 PUMP WAS AIR LOCKED	MECHANICAL FAILURE	588769	CLEANUP WAS NOT FEASIBLE	ELECTRICIAN REPAIRED PUMP PROBLEM ON #1; BACK FLUSH #2 PUMP
MORRIS FORMAN	KY0022411	268 LAURIE VALLEE	04/12/07 11:00 AM	04/12/07 01:19 PM	50 GAL	Sewer Manhole	01260	DITCH	MIDDLETOWN BRANCH	A SIX FOOT 4 FOOT BY 4 FOOT WOODEN FENCE POLE INSIDE THE MAIN SEWER CHANNEL	OBSTRUCTION-NOT GREASE / ROOTS	655764	MSD FLUSHED AND BAGGED UP THE SEWAGE	WORK ORDER 655757 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	4341 PRUITT CT	01/14/07 12:57 PM	01/17/07 12:00 AM	720 GAL	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630216	RAIN EVENT RELATED - CLEANUP NEEDED/LIGHT DEBRIS	THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	07/14/06 8:50 PM	07/15/06 07:56 AM	792,000 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	571865	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE.	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	10/28/06 1:32 AM	10/28/06 09:47 AM	576,000 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	SEVERE RAIN EVENT IN AREA.	LACK OF SYSTEM CAPACITY	602526	THE MAGNITUDE OF THIS STORM DID NOT ALLOW CLEANUP EFFORTS TO BE INITIATED	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	01/14/07 5:12 AM	01/16/07 10:34 AM	4,621,000 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630185	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	02/13/07 4:05 PM	02/14/07 01:45 AM	720,000 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	638485	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	03/01/07 7:22 PM	03/02/07 12:54 AM	943,200 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	642866	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	03/14/07 8:24 PM	03/14/07 10:05 PM	97,502 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	645611	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	04/14/07 11:15 AM	04/14/07 10:15 PM	367,804 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	657770	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	06/28/07 4:00 PM	06/28/07 06:33 PM	13,579 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	681406	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1800 NIGHTINGALE RD	01/02/07 9:00 AM	01/02/07 10:30 AM	2,387 GAL	Sewer Manhole	08954	STREAM	SOUTH FORK BEARGRASS CREEK	HYDRAULIC LINE ON GRINDER FAILED AT THE NIGHTINGALE PUMP STATION	MECHANICAL FAILURE	627120	NOT ABLE TO CLEANUP. DISCHARGE WENT INTO CREEK.	INSTALLED NEW HYDRAULIC HOSES ON GRINDER AT THE NIGHTINGALE PUMP STATION.
MORRIS FORMAN	KY0022411	3035 CARSON WAY	07/14/06 8:10 PM	07/15/06 12:10 AM	266,000 GAL	Sewer Manhole	17571	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571465	RAIN EVENT RELATED CLEANUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	3035 CARSON WAY	01/14/07 7:50 AM	01/14/07 08:25 PM	830,500 GAL	Sewer Manhole	17571	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630162	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	3035 CARSON WAY	01/15/07 11:00 AM	01/15/07 10:20 PM	748,000 GAL	Sewer Manhole	17571	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630301	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	2201 GERALD CT	10/03/06 10:25 AM	10/03/06 10:30 AM	50,600 GAL	Sewer Manhole	18298	STREAM	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN IN AREA.	LACK OF SYSTEM CAPACITY	629401	WORK ORDER 594383 - MSD RAKED UP DEBRIS AND SPRAYED DOWN AREA AROUND OVERFLOW SITE AFTER RAIN EVENT SUBSIDED.	THIS LOCATION IS MONITORED DURING RAIN EVENTS AND IS BEING EVALUATED TO DETERMINE ITS PRIORITY FOR ABATEMENT.
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	07/14/06 10:31 AM	07/15/06 01:12 AM	177,100 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571471	RAIN EVENT RELATED CLEANUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT

APPENDIX B
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TO WATERS OF UNITED STATES
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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	01/14/07 8:10 AM	01/16/07 10:57 AM	3,351,700 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630164	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	02/13/07 5:13 PM	02/14/07 06:00 AM	8,417,000 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	638428	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	02/24/07 11:29 PM	02/25/07 03:59 AM	239,000 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	641779	AREA AROUND THE DISCHARGE SITE DID NOT NEED TO BE CLEAN ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	03/01/07 7:43 PM	03/02/07 11:08 AM	1,017,500 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	642835	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	04/14/07 11:56 AM	04/14/07 04:26 PM	432,000 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	657735	MSD CLEANED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN MSD'S CAPITAL ABATEMENT PROGRAM
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	01/14/07 8:45 AM	01/15/07 03:15 AM	1,221,000 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630163	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	01/15/07 11:28 AM	01/16/07 06:48 AM	1,276,000 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630303	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	02/24/07 11:36 PM	02/25/07 03:54 AM	272,800 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	641778	AREA AROUND THE DISCHARGE SITE DID NOT NEED TO BE CLEAN ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	03/01/07 7:49 PM	03/02/07 10:40 AM	891,000 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	642838	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	01/14/07 9:10 AM	01/15/07 01:00 AM	1,045,000 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630165	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	01/15/07 11:22 AM	01/15/07 08:03 PM	572,000 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630302	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	02/13/07 8:30 PM	02/14/07 05:00 AM	565,000 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	638488	MSD CLEANED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	02/24/07 11:42 PM	02/25/07 03:50 AM	268,800 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	641777	AREA AROUND THE DISCHARGE SITE DID NOT NEED TO BE CLEAN ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	03/01/07 7:53 PM	03/01/07 10:28 PM	170,500 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	642840	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	01/14/07 9:10 AM	01/14/07 08:44 PM	763,400 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630168	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	01/15/07 11:10 AM	01/15/07 04:37 PM	359,700 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	630300	RAKED AND LIMED AREA OF DISCHARGE	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4432 CORDOVA RD	07/14/06 9:45 PM	07/15/06 03:17 AM	367,200 GAL	Sewer Manhole	21061	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571462	RAIN EVENT RELATED, CLEANUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4432 CORDOVA RD	01/14/07 6:30 AM	01/14/07 07:55 PM	885,500 GAL	Sewer Manhole	21061	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630154	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4432 CORDOVA RD	01/15/07 11:00 AM	01/16/07 02:00 AM	990,000 GAL	Sewer Manhole	21061	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630299	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CONSENT DEGREE ABATEMENT PROGRAM (SSDP)
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	07/14/06 9:20 PM	07/15/06 03:10 AM	387,000 GAL	Sewer Manhole	21089	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	571460	RAIN EVENT RELATED, CLEANUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	01/14/07 7:30 AM	01/14/07 07:06 PM	765,600 GAL	Sewer Manhole	21089	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630158	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	01/15/07 12:37 PM	01/15/07 09:20 PM	575,300 GAL	Sewer Manhole	21089	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630319	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4302 SHELBYVILLE RD	07/14/06 8:30 PM	07/15/06 06:57 AM	695,700 GAL	Sewer Manhole	21101	DITCH	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571466	RAIN EVENT RELATED, CLEANUP IS NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4302 SHELBYVILLE RD	01/14/07 7:50 AM	01/16/07 06:33 PM	3,875,300 GAL	Sewer Manhole	21101	DITCH	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630159	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4302 SHELBYVILLE RD	02/13/07 6:55 PM	02/14/07 09:57 AM	992,200 GAL	Sewer Manhole	21101	DITCH	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	638481	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	07/14/06 8:30 PM	07/15/06 03:05 AM	438,500 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571467	RAIN EVENT RELATED CLEANLUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	01/14/07 7:00 AM	01/16/07 05:10 PM	3,839,000 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630155	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	02/13/07 7:25 PM	02/14/07 03:15 AM	521,000 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	638490	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	03/01/07 7:47 PM	03/02/07 07:05 AM	742,700 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	642836	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	03/14/07 9:19 PM	03/15/07 12:20 AM	201,100 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	645661	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4522 CORDOVA RD	04/14/07 12:38 PM	04/14/07 04:50 PM	364,400 GAL	Sewer Manhole	21153	CATCH BASIN	UPPER SINKING FORK	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	657741	MSD CLEANED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN MSD'S CAPITAL ABATEMENT PROGRAM
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	07/14/06 8:30 PM	07/15/06 06:20 AM	637,700 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN	PUMPED OVERFLOW	571469	RAIN EVENT RELATED, CLEANUP NOT FEASIBLE	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	01/14/07 6:10 AM	01/16/07 04:00 PM	3,494,000 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	630153	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	02/13/07 6:23 PM	02/14/07 02:45 AM	556,200 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	638489	MSD CLEANED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	03/01/07 7:40 PM	03/02/07 07:20 AM	768,000 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	PUMPED OVERFLOW	642834	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	03/14/07 8:00 PM	03/15/07 12:30 AM	289,100 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	645677	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN SUBSIDED.	THIS LOCATION IS IN MSD'S CAPITAL ABATEMENT

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4601 STONEHENGE DR	04/14/07 1:00 PM	04/14/07 05:15 PM	408,000 GAL	Sewer Manhole	21156	CATCH BASIN	UPPER SINKING FORK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	657746	MSD CLEANED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN MSD'S CAPITAL ABATEMENT PROGRAM
MORRIS FORMAN	KY0022411	901 FALGATE CT	01/15/07 1:30 PM	01/15/07 09:00 PM	495,000 GAL	Sewer Manhole	21506	CATCH BASIN	MUDDY FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	630321	NO CLEANUP NEEDED	THIS LOCATION IS IN MSD'S CAPITAL PLAN ABATEMENT
MORRIS FORMAN	KY0022411	4312 BRECKENRIDGE LN	03/25/07 7:48 PM	03/25/07 07:49 PM	200 GAL	Sewer Manhole	25346	STREAM	BUECHEL TERRACE CREEK	ROCKS AND GREASE IN MAIN SEWER	GREASE BLOCKAGE	647561	SPRAYED AREA DOWN AND PUT UP SIGNS AND SPREAD LIME	WORK ORDER #647560-ROOT CUT MAIN SEWER AND GOT LINE OPEN
MORRIS FORMAN	KY0022411	3703 ALCONA LN	10/03/06 10:06 AM	10/03/06 10:11 AM	4,680 GAL	Sewer Manhole	25676	GROUND	SOUTH FORK BEARGRASS CREEK	DISCHARGE DURING WET WEATHER	LACK OF SYSTEM CAPACITY	629403	RAKEAD AREA AND WASHED DOWN	WO# 594159 CLEANED UP AREA
MORRIS FORMAN	KY0022411	1012 ALTA CIR	01/15/07 11:51 AM	01/16/07 07:10 AM	1,539,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630348	RAIN EVENT RELATED - CLEANUP NEED/LIGHT DEBRIS	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1012 ALTA CIR	02/13/07 6:15 PM	02/14/07 06:55 AM	891,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	638484	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1012 ALTA CIR	03/01/07 7:55 PM	03/01/07 10:33 PM	67,500 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	642864	WORK ORDER #643421 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN EVENT CEASED	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1012 ALTA CIR	04/14/07 11:45 AM	04/14/07 03:40 PM	108,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	657768	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	10713 EAGLE RIDGE PL	02/04/07 2:05 PM	02/04/07 03:10 PM	20 GAL	Sewer Manhole	30885	STREAM	MIDDLE FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	635438	MSD PERSONNEL RAKED AND BAGGED DEBRIS	WORK ORDER #635432 - FLUSHED MANHOLES
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	07/14/06 9:55 PM	07/15/06 01:00 AM	9,720 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	571686	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED.
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	01/14/07 2:00 PM	01/16/07 04:32 PM	9,000 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630229	WORK ORDER #631002 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN CEASED.	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	02/13/07 5:50 PM	02/14/07 06:35 AM	1,980 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	638483	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	03/01/07 7:18 PM	03/01/07 11:23 PM	2,160 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	642861	WORK ORDER #640830 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN EVENT CEASED	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	04/03/07 8:00 PM	04/04/07 07:11 AM	5,940 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	653942	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4000 FINCASTLE RD	04/14/07 7:30 AM	04/15/07 06:54 AM	6,210 GAL	Sewer Manhole	44397	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	657737	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	1132 ROSTREVOR CIR	01/15/07 11:47 AM	01/16/07 07:05 AM	10,260 GAL	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630347	WORK ORDER #631004 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN EVENT CEASED.	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	6601 FALLS CREEK RD	03/25/07 7:00 PM	03/25/07 09:40 PM	200 GAL	Sewer Manhole	46059			ROCK INSIDE MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	647567	MSD PERSONNEL CLEANED THE AREA AROUND THE OVERFLOW LOCATION	WORK ORDER 647572 - FLUSH AND OPEN THE LINE. REMOVED ROCK FROM MANHOLE
MORRIS FORMAN	KY0022411	4040 ORMOND RD	11/20/06 10:00 PM	11/21/06 04:00 PM	100 GAL	Sewer Manhole	48368	DITCH	MUDDY FORK BEARGRASS CREEK	OBSTRUCTION OF ROOTS IN MAIN SEWER.	ROOTS	609665	WORK ORDER 611749 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER #609825 - MSD ROOT CUT THE SEWER TO CLEAR TO ROOTS.

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MORRIS FORMAN	KY0022411	4545 TAYLORSVILLE RD	04/17/07 6:10 PM	04/17/07 09:00 PM	100 GAL	Sewer Manhole	48682	DITCH	SOUTH FORK BEARGRASS CREEK	MAIN SEWER BACKUP DUE TO ROOTS IN LINE	ROOTS	658401	MSD WASHED DOWN AREA WITH FLUSHER	WORK ORDER #658498 - MSD ROOT CUT MAIN SEWER 300 FEET TO GET THE MAIN SEWER OPEN
MORRIS FORMAN	KY0022411	4315 PRUITT CT	01/14/07 12:55 PM	01/17/07 12:00 AM	12,960 GAL	Sewer Manhole	49647	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630220	WORK ORDER #631024 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE ONCE THE RAIN EVENT CEASED.	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4315 PRUITT CT	01/14/07 12:54 PM	01/14/07 05:34 PM	6,000 GAL	Sewer Manhole	63779	GROUND	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630221	MSD CLEANED THE AREA AROUND THE OVERFLOW LOCATION.	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	01/02/07 9:20 PM	01/02/07 09:25 PM	250 GAL	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	BREAKER #19 TRIPPED TO LEVELOR CONTROLS AT THE BARBOUR LN. PUMP STATION.	ELECTRICAL PROBLEMS AT MSD	627198	AREA RAKED & DEBRIS HAULED. AREA CLEANED & SANITIZED WITH LIME.	RESET BREAKER # 19 & PUMPS RAN PUMPING SYSTEM DOWN TO NORMAL AT BARBOUR LN. PUMP STATION.
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	07/14/06 8:06 PM	07/15/06 08:00 AM	2,988,000 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN IN AREA.	LACK OF SYSTEM CAPACITY	571866	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE.	RAIN EVENT RELATED.
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	01/14/07 6:55 AM	01/16/07 09:34 AM	2,856,000 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	630189	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	03/01/07 6:34 PM	03/02/07 07:03 AM	247,680 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	642868	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	06/28/07 7:30 PM	06/28/07 07:30 PM	159,206 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	HEAVY RAIN	LACK OF SYSTEM CAPACITY	681407	RAIN EVENT RELATED - CLEANUP NOT FEASIBLE	RAIN EVENT RELATED - THIS SITE IS IN MSD CAPITAL PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	6005 SPRINGHOUSE FARM LN	03/21/07 1:25 PM	03/21/07 04:30 PM	24,000 GAL	Sewer Main	73169B-AG	GROUND	GOOSE CREEK	PIKE ELECTRIC DRILLED INTO FORCE MAIN WHILE WORKING	UTILITY DAMAGED MSD ASSET	646881	CALLED API TO VACTOR UP SEWAGE , BUILT SAND BAG DAM TO CONTAIN SEWAGE AND PROTECT LOCAL WATER SOURCE.	DIVERTED FORCE MAIN FLOW ISOLATED DAMAGED SECTION.CALLED MAC CONSTRUCTION TO REPAIR FORCE MAIN. CONTINUED TO CLEAN AND PROTECT LOCAL ENVIRONMENT.
MORRIS FORMAN	KY0022411	11612 MAIN ST	12/19/06 11:22 AM	12/19/06 03:39 PM	50 GAL	Sewer Service Line	743911610	DITCH	CHENOWETH RUN	ROOTS IN THE MAIN SEWER	ROOTS	620636	WORK ORDER 620664 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE.	ROOT CUT MAIN SEWER UNDER WORK ORDER #620633.
MORRIS FORMAN	KY0022411	1800 NIGHTINGALE RD	02/14/07 7:30 AM	02/14/07 09:39 AM	460,000 GAL	Sewer Manhole	CSO018	STREAM	SOUTH FORK BEARGRASS CREEK	GRINDER FAILURE @ MSD0022-PS NIGHTINGALE	MECHANICAL FAILURE	638586	CLEANUP NOT FEASIBLE, CHECKED SOUTH FORK OF BEARGRASS CREEK FOR SOLIDS, FOUND NONE	REMOVED BLOCKAGE / CLOG FROM GRINDER IN MSD0022-PS & RETURNED TO SERVICE
MORRIS FORMAN	KY0022411	1215 ELLISON AVE	10/06/06 11:30 AM	10/06/06 12:03 PM	300 GAL	Sewer Manhole	CSO113	STREAM	SOUTH FORK BEARGRASS CREEK	OBSTRUCTION IN LOW FLOW SEWER LINE.	OBSTRUCTION-NOT GREASE / ROOTS	595106	MSD CLEARED DEBRIS FROM THE OVERFLOW LOCATION.	MSD REMOVED THE OBSTRUCTION FROM THE LINE AND HAD INCREASED INSPECTIONS OF THIS CSO LOCATION.
MORRIS FORMAN	KY0022411	1630 FRANKFORT AVE	05/01/07 8:59 PM	05/01/07 10:40 PM	2,525 GAL	Sewer Manhole	CSO131	GROUND	SOUTH FORK BEARGRASS CREEK	BROKEN CHAIN ON GATE	MECHANICAL FAILURE	664010	NONE POSSIBLE DUE TO SWIFT FLOW OF BEARGRASS CREEK	WORK ORDER #664012 - REPAIRED THE CHAIN AND RECONNECTED
MORRIS FORMAN	KY0022411	1258 ROYAL AVE	08/04/06 2:02 PM	08/04/06 02:58 PM	20 GAL	Sewer Manhole	CSO137	STREAM	SOUTH FORK BEARGRASS CREEK	DEBRIS OBSTRUCTION OF STICKS PLACED INTO THE GRATED MANHOLE LID	OBSTRUCTION-NOT GREASE / ROOTS	577599	WORK ORDER NO. 577604, MSD VACTORED THE DEBRIS OBSTRUCTION.	WORK ORDER NO. 577606 FLUSHED AREA
MORRIS FORMAN	KY0022411	1201 LEXINGTON RD	08/01/06 3:45 PM	08/03/06 02:00 PM	500 GAL	Sewer Manhole	CSO153	STREAM	SOUTH FORK BEARGRASS CREEK	SIPHON #9 (ISO09A-SI) BLOCKED WITH DEBRIS.	OBSTRUCTION-NOT GREASE / ROOTS	574286	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE.	MSD CLEANED THE SIPHON.
MORRIS FORMAN	KY0022411	334 MOCKINGBIRD VALLEY RD	08/20/06 7:30 AM	08/20/06 07:45 AM	2,000 GAL	Sewer Lift Station	MSD0007-PS	DITCH	MUDDY FORK BEARGRASS CREEK	LG&E POWER OUTAGE	POWER OUTAGE (LG&E)	580255	AREA RAKED AND DEBRIS HAULED	SUPPLIED GENERATOR POWER UNTIL LG&E REPAIRED.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	07/14/06 9:00 PM	07/15/06 05:00 AM	483,600 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	571631	MSD CLEANED AREA OF DISCHARGE AS FEASIBLE.	THIS LOCATION IS IN MSD CAPITAL PLAN FOR ABATEMENT.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	12/31/06 7:00 PM	12/31/06 07:40 PM	46,500 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	RAIN EVENT IN AREA.	LACK OF SYSTEM CAPACITY	627004	MSD CLEANED UP AREA AROUND OVERFLOW LOCATION.	THIS LOCATION IS ON MSD'S CAPITOL PLAN FOR ABATEMENT.

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MORRIS FORMAN	KY0022411	3246 RADIANCE RD	01/14/07 8:58 AM	01/14/07 10:44 AM	372,000 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	630186	DISCHARGE DIRECTLY INTO CREEK - MSD INSPECTED THE CREEK SHORE AREA AND CLEANED AS NEEDED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	02/13/07 1:45 PM	02/14/07 02:24 AM	1,562,400 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	EXCESSIVE STORM FLOW	LACK OF SYSTEM CAPACITY	638372	THE AREA AROUND THE OVERFLOW LOCATION WAS RAKED AND VACTORED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	02/24/07 10:15 PM	02/25/07 12:00 PM	279,000 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	RAIN EVENT IN THE AREA; LACK OF CAPACITY IN SYSTEM.	LACK OF SYSTEM CAPACITY	641852	THE AREA AROUND THE OVERFLOW LOCATION WAS RAKED AND VACTORED.	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	03/01/07 6:15 PM	03/01/07 07:40 PM	9,300 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	642839	AREA RAKED & DEBRIS HAULED	THIS LOCATION IS IN MSD'S CAPITAL PLAN FOR ABATEMENT.
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	01/14/07 9:30 PM	01/14/07 09:50 PM	100 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF CAPACITY, RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	630267	AREA RAKED & DEBRIS HAULED	CONTRACTED B&H TO HAUL, NOTIFIED SUPERVISOR
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	01/16/07 12:40 AM	01/16/07 01:40 AM	1,000 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	SEWER SYSTEM SURCHARGED DURING A HEAVY RAIN EVENT.	LACK OF SYSTEM CAPACITY	630411	AREA RAKED AND DEBRIS HALUED	CALLED API IN AND VACTORED AND HAULED EXCESS SEWAGE.
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	01/16/07 1:15 PM	01/16/07 01:30 PM	25 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	MSD CONTRACTOR WAS VACTORING & LEFT PUMP STATION UNATTENDED CAUSING OVERFLOW	LACK OF SYSTEM CAPACITY	630891	AREA RAKED & DEBRIS HAULED	EMPLOYED A DIFFERENT CONTRACTOR TO HAUL SOLIDS.
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	04/14/07 1:00 PM	04/14/07 04:25 PM	1,500 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	657771	AREA RAKED, DEBRIS HAULED, WET WELL HAULED UNTIL THE LEVEL WAS UNDER CONTROL.	WET WELL AT PUMP STATION HAULED UNTIL THE LEVEL UNDER CONTROL.
MORRIS FORMAN	KY0022411	3733 CANOE LN	08/20/06 7:30 AM	08/20/06 08:10 AM	900 GAL	Sewer Lift Station	MSD0024-PS	DITCH	MUDDY FORK BEARGRASS CREEK	LG&E POWER OUTAGE DURING RAIN EVENT	POWER OUTAGE (LG&E)	580259	MSD CLEANED THE AREA AROUND THE DISCHARGE SITE.	LG&E POWER RESTORED BEFORE WE HOOKED UP GENERATOR
MORRIS FORMAN	KY0022411	3733 CANOE LN	09/14/06 8:30 PM	09/14/06 08:35 PM	20,000 GAL	Sewer Lift Station	MSD0024-PS	DITCH	MUDDY FORK BEARGRASS CREEK	MECHANICAL FAILURE OF BUBBLER LINE	MECHANICAL FAILURE	589061	AREA RAKED & DEBRIS HAULED	BUBBLER LINE BEING REPLACED 9/15/2006 STATION WAS MANNED & OPPERATED MANUALLY UNTIL REPAIRS COULD BE MADE.
MORRIS FORMAN	KY0022411	4010 BELLS LN	07/17/06 1:15 PM	07/17/06 03:30 PM	3,400,000 GAL	Sewer Lift Station	MSD0080-PS	GROUND	PADDY RUN	LOSS OF POWER TO THE STATION.	POWER OUTAGE (LG&E)	571873	MSD CLEANED AREA OF DISCHARGE AS FEASIBLE.	POWER WAS RESTORED TO THE STATION.
MORRIS FORMAN	KY0022411	3450 WOODSIDE RD	07/14/06 9:10 PM	07/15/06 12:30 AM	43,000 GAL	Sewer Lift Station	MSD0183-PS	DITCH	OHIO RIVER	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	571683	MSD SPREAD LIME AROUND THE OVERFLOW LOCATION.	MSD HAULED 3500 GALLONS (WORK ORDER #571684) OF SEWAGE TO AVOID ADDITIONAL DISCHARGES.
MORRIS FORMAN	KY0022411	3450 WOODSIDE RD	01/14/07 7:45 AM	01/14/07 07:55 AM	100 GAL	Sewer Lift Station	MSD0183-PS	DITCH	OHIO RIVER	THE RAIN HAD JUST STOPPED, SO THE DISCHARGE DID NOT REACH THE WATER.	LACK OF SYSTEM CAPACITY	630255	AREA RAKED & DEBRIS HAULED	CLEANED AREA
MORRIS FORMAN	KY0022411	3450 WOODSIDE RD	05/04/07 8:30 PM	05/04/07 09:30 PM	1,200 GAL	Sewer Lift Station	MSD0183-PS	DITCH	OHIO RIVER	LGE POWER OUTAGE	POWER OUTAGE (LG&E)	664688	AREA WASHED DOWN , RAKED AND DEBRIS HAULED AWAY.	POWER WAS RESTORED AND STATION WAS PLACED BACK IN SERVICE.
CEDAR CREEK	KY0089540	7317 MAYROW DR	07/14/06 7:12 PM	07/14/06 07:22 PM	5 GAL	Sewer Manhole	108730	STREAM	LOVVORN CREEK	MECHANICAL MALFUNCTION AT PUMP STATION	MECHANICAL FAILURE	630339		PUMP STATION REPAIRED BY OPERATIONS
CEDAR CREEK	KY0089540	6023 COOPER CHAPEL RD	01/15/07 1:35 PM	01/15/07 02:15 PM	600 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	#2 MOTOR TO PUMP SHAFT COUPLING FAILURE DUE TO DEBRIS IN PUMP AT COOPER CHAPEL PUMP STATION.	MECHANICAL FAILURE	630373	AREA RAKED, DEBRIS HAULED, AREA LIMED	REPLACED COUPLING #2 PUMP, CLEARED DEBRIS FROM PUMP, RETURNED TO SERVICE AT COOPER CHAPEL PUMP STATION.
CEDAR CREEK	KY0089540	6023 COOPER CHAPEL RD	03/01/07 5:20 PM	03/01/07 07:00 PM	4,000 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	642856	AREA RAKED AND DEBRIS HAULED	STATION HAULED TO REDUCE SEWAGE DISCHARGE
CEDAR CREEK	KY0089540	9409 EXHIBITION CT	10/15/06 5:00 PM	10/15/06 07:00 PM	1,500 GAL	Sewer Lift Station	MSD1052-PS	DITCH	POND CREEK	A TOTAL OF 7500 GALLONS WAS RELEASE DUE TO A BROKEN PIPE AT THE BASE OF A PUMP AT THE PUMP STATION.	MECHANICAL FAILURE	597015	6000 GALLONS OF THE 7500 GALLONS RELEASED WAS CONTAINED INSIDE THE FENCE OF THE STATION AND CLEANED UP/HAULED OFF SITE BY METRO OPERATIONS PERSONNEL.	HAULED EXCESS SEWAGE; MOVED PUMP #1 TO PUMP #2'S POSITION. PARTS ARE ON ORDER FOR #2 PUMP.

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BANCROFT	KY0039021	2405 TAVENER DR	02/14/07 1:15 PM	02/14/07 02:00 PM	5 GAL	Sewer Manhole	43336	GROUND	GOOSE CREEK	ROOTS IN MAIN SEWER	ROOTS	638612	MSD WASHED DOWN THE STREET	WORK ORDER # 638611 - MSD ROOT CUT THE MAIN SEWER
BANCROFT	KY0039021	7610 OLD ORCHARD CIR	03/13/07 6:00 PM	03/13/07 07:48 PM	3,000 GAL	Sewer Treatment Plant	MSD0290	STREAM	GOOSE CREEK	LWC SHUT OFF WATER TO PLANT CAUSING CHLORINE TREATMENT TO STOP. EFFLUENT REC'D PRIMARY & SECONDARY TREATMENT	BYPASS AT TREATMENT PLANT	645334	PLANT EFFLUENT WAS DISCHARGED TO THE CREEK W/O CHLORINE DISINFECTION.PLACED CHLORINE TABLETS IN THE CONTACT CHAMBER TO PROVIDE A LEVEL OF DISINFECTION	WORKED WITH LWC TO HAVE WATER RETURNED TO SERVICE.
HUNTING CREEK NORTH	KY0029106	7300 SHADWELL LN	09/07/06 7:45 AM	09/07/06 08:15 AM	300 GAL	Sewer Treatment Plant	MSD0291	STREAM	HARRODS CREEK	PLANT SLUDGE RETURN LINE CLOGGED	BYPASS AT TREATMENT PLANT	586398		UNCLOGGED SLUDGE RETURN LINE. API VACUUMED SOLIDS IN CREEK.
HUNTING CREEK NORTH	KY0029106	6709 GUNPOWDER LN	07/14/06 9:00 PM	07/14/06 09:45 PM	9,000 GAL	Sewer Lift Station	MSD1055-LS	DITCH	HARRODS CREEK	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	571696	MSD CLEANED THE AREA OF DISCHARGE AS FEASIBLE.	RAIN EVENT RELATED
HUNTING CREEK SOUTH	KY0029114	6104 DEEP CREEK DR	08/04/06 4:48 PM	08/04/06 04:53 PM	2,000 GAL	Sewer Manhole	62757	STREAM	HARRODS CREEK	PUMP STATION MALFUNCTION	STRUCTURAL FAILURE	637698	LIME WAS PUT DOWN TO DISINFECT	PUMP STATION TILT BULBS WERE REPLACED
HUNTING CREEK SOUTH	KY0029114	7104 COVERED COVE WAY	04/08/07 1:15 AM	04/08/07 01:20 AM	30 GAL	Sewer Main	66847G-CO	STREAM	HUNTING BRANCH	STRUCTURAL FAILURE OF FORCE MAIN PIPE	STRUCTURAL FAILURE	654753	AREA RAKED & DEBRIS HAULED. DIKE BUILT TO CONTAIN OVERFLOW	MAC CONSTRUCTION CALLED TO EXCAVATE & MAKE PIPE REPAIRS TO 4" HDPF FORCE MAIN TO MSD0292 STP
HUNTING CREEK SOUTH	KY0029114	7804 DEEP TRAIL CT	08/04/06 5:30 PM	08/04/06 05:32 PM	200 GAL	Sewer Lift Station	MSD1062-LS	STREAM	HARRODS CREEK	BAD TILT BULB ON NUMBER 2 PUMP.	STRUCTURAL FAILURE	577831	MSD CLEANED AND DISINFECTED THE AREA AROUND THE OVERFLOW SITE.	MSD REPLACED THE TILT BULB ON NUMBER 2 PUMP.
FLOYDS FORK	KY0102784	16724 POLO FIELDS LN	07/14/06 9:35 PM	07/14/06 11:50 PM	20,000 GAL	Sewer Manhole	38034	STREAM	BRUSH RUN	BAR SCREEN CLOGGED DURING A RAIN EVENT.	LACK OF SYSTEM CAPACITY	571677	MSD CLEANED THE AREA AND SPREAD LIME.	MSD REMOVED THE DEBRIS FROM THE BAR SCREENS.
LAKE FOREST	KY0042226	622 WOODLAKE DR	05/23/07 9:15 AM	05/23/07 12:15 PM	1,800 GAL	Sewer Manhole	34033	GROUND	CHENOWETH RUN	FORCE MAIN FROM MSD1172-PS WAS OBSTRUCTED.	OBSTRUCTION-NOT GREASE / ROOTS	669095	AREA RAKED, & DEBRIS HAULED, AREA SCRUBBED CLEAN & WASHED & SANITIZED	CONTRACTED API TO JET ROD THE FM LINE & RETURN TO SERVICE
LAKE FOREST	KY0042226	14310 LAKE FOREST DR	12/16/06 10:30 AM	12/16/06 03:02 PM	100 GAL	Sewer Main	80351-V	CATCH BASIN	FLOYDS FORK	STRUCTURAL FAILURE TO THE FORCE MAIN ASSET#SND80351B-AG	STRUCTURAL FAILURE	620313	LIME WAS SPREAD OVER AREA	WORK ORDER 620308 - MSD CONTRACTOR REPAIRED THE FORCE MAIN.
LAKE FOREST	KY0042226	611 WOODLAKE DR	06/18/07 12:45 PM	06/18/07 02:15 PM	450 GAL	Sewer Main	80581B-AG	STREAM	FLOYDS FORK	FORCE MAIN BREAK	STRUCTURAL FAILURE	678585	API CALLED TO ASSIST MSD PERSONEL IN CLEAN UP AT THE SITE OF DISCHARGE	MAC CONSTRUCTION CALLED TO REPAIR FORCE MAIN AND RETURN TO SERVICE

Appendix C - Discharge Work Orders – Exterior

**APPENDIX C
OVERFLOWS TO GROUND
JULY 1, 2006 THROUGH JUNE 30, 2007**

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
HITE CREEK	KY0022420	6401 W STHY 146	11/15/06 10:09 AM	11/15/06 11:30 AM	50 GAL	Sewer Manhole	105639	PLUG IN MAIN SEWER	STRUCTURAL FAILURE	608510	WORK ORDER 608606 - MSD FLSUHD THE AREA OF THE OVERFLOW.	CREW REPAIRING LINE TO REMOVED PLUG
HITE CREEK	KY0022420	6301 STHY 329	02/09/07 1:19 PM	02/09/07 01:24 PM	1 GAL	Sewer Manhole	106023A	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	655444	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 638036 AND 638038 - FLUSHED MAIN SEWER AND THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	4950 NORTON HEALTHCARE BLVD	01/19/07 11:50 AM	01/19/07 01:50 PM	90 GAL	Sewer Manhole	107949	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	631808	AREA CLEANED AND SANITIZED	WORK ORDER 631809 - FLUSHED MAIN SEWER AND CLEARED BLOCKAGE
HITE CREEK	KY0022420	4950 NORTON HEALTHCARE BLVD	02/16/07 2:30 PM	02/16/07 03:30 PM	3 GAL	Sewer Manhole	107949	BLOCKAGE IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	639027	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER #638991 - FLUSHED AND OPEN THE MAIN SEWER
HITE CREEK	KY0022420	5500 HITT RD	05/13/07 12:28 AM	05/13/07 04:30 AM	100 GAL	Sewer Treatment Plant	MSD0202	MECHANICAL FALIURE	MECHANICAL FAILURE	667056	AREA WASHED DOWN , GROUND CLEANED UP	REDUCED AIR AND VOLUME OF LIQUID IN TANK
HITE CREEK	KY0022420	6316 CHERRY LN	06/06/07 7:40 AM	06/06/07 07:50 AM	50 GAL	Sewer Lift Station	MSD1087-PS	ELECTRICAL FAILURE	ELECTRICAL PROBLEMS AT MSD	672868	AREA WAS WASHED DOWN AND DEBRI RAKED AND HAULED AWAY GROUND AREA OF SPILL WAS SANITIZED.	REDUCED AIR AND VOLUME OF LIQUID IN TANK
JEFFERSONTOWN	KY0025194	9507 SUE HELEN DR	09/05/06 9:45 AM	09/05/06 10:30 AM	10 GAL	Sewer Service Line	057801260000A	ROOTS IN PROPERTY SERVICE CONNECTION (PSC).	ROOTS	586018	WORK ORDER #586008 - MSD FLUSHED THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #586011 - MSD REPLACED THE PROPERTY SERVICE CONNECTION.
JEFFERSONTOWN	KY0025194	4513 SARATOGA HILL RD	12/15/06 1:32 PM	12/15/06 01:37 PM	10 GAL	Sewer Service Line	269901470000A	CRUSHED PROPERTY SERVICE CONNECTION/SEE WO# 620266	STRUCTURAL FAILURE	634005	AREA WASHED DOWN	REPLACED 6' OF 4' PIPE AND ADDED 2 WAY CLEANOUT VAULT AND LID
JEFFERSONTOWN	KY0025194	10504 EASTVIEW AVE	10/29/06 12:05 PM	10/29/06 02:05 PM	5 GAL	Sewer Manhole	27698	UNKNOWN BLOCKAGE IN THE MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	602465	WORK ORDER 602466 - MSD WASHED AREA AROUND OVERFLOW SITE - MINIMAL AMOUNT OF SEWAGE.	MSD ROOT CUT THE SEWER TO BREAK UP THE UNKNOWN OBSTRUCTION.
JEFFERSONTOWN	KY0025194	1500 ALLIANT AVE	01/23/07 1:30 PM	01/23/07 02:45 PM	3 GAL	Sewer Manhole	42148	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	633452	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER #632256 - FLUSHED AND OPEN THE SEWER LINE
JEFFERSONTOWN	KY0025194	4320 LAKELET WAY	01/25/07 6:55 PM	01/25/07 07:00 PM	100 GAL	Sewer Main	86167-V	FORCE MAIN PIPE BREAK	STRUCTURAL FAILURE	633765	AREA RAKED & DEBRIS HAULED	CONTRACTING REPAIR OF FORCE MAIN PIPE, HAULING SEWAGE TILL REPAIRED
JEFFERSONTOWN	KY0025194	9802 GALENE DR	01/17/07 3:42 PM	01/17/07 06:14 PM	1 GAL	Sewer Service Line	JT00910619	ROOTS AT PROPERTY SERVICE CONNECTION	ROOTS	631162	CLEANED UP THE AREA, WITH RACK & LIME	ROOT CUT WORK ORDER #631163 AND WORK ORDER #631160 TO REPAIR THE PROPERTY SERVICE CONNECTION
JEFFERSONTOWN	KY0025194	3425 MAPLE RD	03/27/07 12:00 PM	03/27/07 03:30 PM	1 GAL	Sewer Service Line	JT00961869	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652458	MSD VACTOR UP THE SEWAGE AROUND THE CLEANOUT.	WORK ORDER #652396 - ROOT CUT THE PROPERTY SERVICE CONNECTION. WORK ORDER#652463 - ROOT CUT THE MAIN SEWER
CHENOWETH HILLS	KY0029459	4305 ST RENE CT	06/13/07 5:10 AM	06/13/07 06:15 AM	300 GAL	Sewer Treatment Plant	MSD0263	EFFLUENT PUMP STATION LOST POWER	ELECTRICAL PROBLEMS AT MSD	674159	CLEAN UP NOT FEASIBLE. FULLY TREATED WATER.	EWO #4011658 TO REPAIR EFFLUENT PUMP STATION.
WEST COUNTY	KY0078956	7201 DUNKIRK LN	08/08/06 9:25 AM	08/08/06 10:37 AM	30 GAL	Sewer Manhole	10071	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	577850	MSD CLEANED THE AREA AROUND THE OVERFLOW SITE	WORK ORDERS NO. 577830 AND 577832, MSD FLUSHED THE LINE TO CLEAR THE OBSTRUCTION
WEST COUNTY	KY0078956	1835 SAN JOSE AVE	10/03/06 9:00 AM	10/03/06 10:15 AM	5 GAL	Sewer Service Line	102000640000A	ROOTS IN THE PPROPERTY SERVICE CONNECTION.	ROOTS	618204	WORK ORDER 594384 - MSD RAKED AND CLEANED AREA AROUND CLEAN OUT.	WORK ORDER 594163 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A TWO-WAY CLEAN OUT.
WEST COUNTY	KY0078956	9016 ROYAL OAK DR	12/15/06 12:30 PM	12/20/06 04:41 PM	5 GAL	Sewer Service Line	102039016	ROOTS AT SHARED JOINT	ROOTS	620280	NO VISUAL OVERFLOW OBSERVED - NOTHING TO CLEANUP.	WORK ORDER #620247 - MSD REPAIRED THE PROPERTY SEWER CONNECTION AND INSTALLED A CLEANOUT. WORK ORDER #620368 - MSD ROOT CUT THE LINE.
WEST COUNTY	KY0078956	8604 SMYRNA PKY	02/06/07 2:50 PM	02/06/07 03:43 PM	20 GAL	Sewer Service Line	114068604	LOUISVILLE WATER COMPANY TORE OUT 2FT OF MSD'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	636215	RAKED AREA	WORK ORDER # 635900 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	2237 LOWER HUNTERS TRCE	04/04/07 9:30 PM	04/04/07 10:45 PM	5 GAL	Sewer Service Line	120402237	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION BROKE	STRUCTURAL FAILURE	654206	MSD PERSONNEL RAKED AND BAGGED AREA	WORK ORDER 654292 - REPAIRED THE PROPERTY SERVICE CONNECTION AND HOOKED UP TO EXISTING CLEANOUT

**APPENDIX C
OVERFLOWS TO GROUND
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	4415 VANETO DR	12/28/06 9:49 PM	12/28/06 10:40 PM	10 GAL	Sewer Service Line	124294415A	LINE BROKEN DOWN ON MSD PORTION	STRUCTURAL FAILURE	626474	MSD WASHED THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER #626484 TO REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
WEST COUNTY	KY0078956	3001 ROCKFORD LN	10/18/06 8:13 AM	10/18/06 08:18 AM	10 GAL	Sewer Service Line	124373001	BROKEN DOWN PROPERTY SERVICE CONNECTION.	STRUCTURAL FAILURE	630905	MSD WASHED DOWN THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER 597736 - MSD REPLACED 5' OF 4" PSC. INSTALLED CLEANOUT WITH MANHOLE LID.
WEST COUNTY	KY0078956	8310 PANDOREA DR	10/07/06 3:25 PM	10/07/06 03:34 PM	1 GAL	Sewer Service Line	125168310D	BROKEN DOWN PROPERTY SERVICE CONNECTION.	STRUCTURAL FAILURE	595438	WORK ORDER 595437 - MSD WASHED DOWN THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER 595435 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	9115 HI VIEW LN	01/02/07 6:40 PM	01/02/07 08:00 PM	5 GAL	Sewer Service Line	142055	OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	627197	MSD RAKED AND BAGGED THE WASTE ON THE GROUND	WORK ORDER #627196 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
WEST COUNTY	KY0078956	7007 ETHAN ALLEN WAY	05/01/07 10:20 AM	05/01/07 12:15 PM	1 GAL	Sewer Service Line	146853	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD PORTION	ROOTS	663958	RAKED AND BAGGED AREA	WORK ORDER #663956 - REPLACED STACK AND CLEANOUT
WEST COUNTY	KY0078956	9501 CHAMBERS WAY	11/11/06 1:55 PM	11/11/06 02:00 PM	10 GAL	Sewer Service Line	156323	ROOTS IN MAIN SEWER AND ON PRIVATE PROPERTY.	ROOTS	633793	MSD AREA WASHED AREA AROUND OVERFLOW SITE.	WORK ORDER 608075 - MSD ROOT CUT LINE AND WORK ORDER 607914 - MSD REPLACED 8' OF 6" PIPE ITH A 2-WAY CLEAN OUT.
WEST COUNTY	KY0078956	5615 BRISCOE RIDGE LN	02/25/07 12:30 AM	02/25/07 01:54 AM	30 GAL	Sewer Service Line	182810	ROOT BLOCKAGE IN MAIN SEWER.	ROOTS	641784	WASHED DRIVEWAY DOWN WITH FLUSHER.	WORK ORDER #641784 ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	2000 GARRS LN	01/29/07 11:25 AM	01/29/07 12:10 PM	5 GAL	Sewer Service Line	33144	ROOTS IN MAIN SEWER AND BLOCKAGE ON PRIVATE PROPERTY	ROOTS	634276	CUSTOMER CLEANED AREA	WORK ORDER #634366 - ROOT CUT MAIN SEWER. MSD ADVISED PROPERTY OWNER TO CONTACT PLUMBER FOR THEIR SIDE OF BLOCKAGE
WEST COUNTY	KY0078956	1867 KENDALL LN	08/29/06 11:14 AM	08/29/06 11:24 AM	10 GAL	Sewer Service Line	53727	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	635383	CREW WASHED DOWN THE DRIVEWAY	ROOT CUT, REPLACED PROPERTY SERVICE TAP
WEST COUNTY	KY0078956	4907 SEVILLE DR	09/28/06 10:13 PM	09/28/06 10:52 PM	30 GAL	Sewer Service Line	93404	ROOTS OBSTRUCTION M/S	ROOTS	593097	WASH DOWN STREET AND CLEANED AREA	ROOT-CUT M/S APPROX 250' AND WASHED DOWN AND CLEANED STREET
WEST COUNTY	KY0078956	8100 WOODFERN WAY	01/06/07 11:01 AM	01/06/07 12:00 PM	1 GAL	Sewer Service Line	BW06699059	ROOTS ON MSD & PRIVATE PROPERTY AT THE SHARED CONNECTION	ROOTS	628111	THE PROPERTY OWNER HAS ALREADY CLEANED THE AREA	WORK ORDER 628032 - ROOT CUT 180FEET -
WEST COUNTY	KY0078956	6916 SANDSTONE BLVD	07/11/06 8:28 AM	07/11/06 08:38 AM	10 GAL	Sewer Service Line	PB17660039	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627314	PROPERTY OWNER WASHED DOWN AREA AROUND CLEANOUT	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
WEST COUNTY	KY0078956	6903 ROCK HOLLOW DR	02/10/07 1:45 PM	02/10/07 02:50 PM	15 GAL	Sewer Service Line	PB17675019	ROOTS IN MAIN SEWER	ROOTS	638079	RAKED AND BAGGED AREA	WORK ORDER #638080 ROOT CUT; WORK ORDER #638103 - ROOT CUT
WEST COUNTY	KY0078956	7799 CAROL AVE	03/27/07 1:00 PM	03/27/07 03:30 PM	40 GAL	Sewer Service Line	PB19240039	ROOTS IN MAIN SEWER	ROOTS	652472	MSD PERSONNEL CLEANED AREA	WORK ORDERS 652414 AND 652552 - FLUSH THE PROPERTY SERVICE CONNECTION AND ROOT CUT THE MAIN SEWER
WEST COUNTY	KY0078956	6508 LANTANA CT	08/12/06 9:39 AM	08/12/06 09:49 AM	10 GAL	Sewer Service Line	PD22882019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629473	PROPERTY OWNER CLEANED AREA AROUND DRAINAGE PIPE IN BACKYARD	WO# 579240 ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	10718 SHELBYVILLE RD	03/16/07 9:30 AM	03/16/07 10:30 AM	30 GAL	Sewer Manhole	01394	GREASE IN MAIN SEWER	GREASE BLOCKAGE	646150	WASHED DOWN DRIVEWAY WASHED WATER BACK INTO MANHOLE	WORK ORDER #645861 FLUSHED MAIN SEWER; WORK ORDER #646154 - VACTOR LINE
MORRIS FORMAN	KY0022411	4212 HEWITT AVE	08/12/06 11:25 AM	08/12/06 11:55 AM	15 GAL	Sewer Manhole	02502	ROOTS IN THE MAIN SEWER, THIS DISCHARGE DID NOT REACH THE WATERS OF THE US	ROOTS	579196	WORK ORDER #579198 (WASH) AND #579200 (CLEAN) - MSD CLEANED THE AREA AROUND THE DISCHARGE SITE	WORK ORDER #579199 MSD ROOT CUT THE LINE THE AREA TO CLEAR THE OBSTRUCTION
MORRIS FORMAN	KY0022411	124 BONNER AVE	09/30/06 11:15 AM	09/30/06 12:10 PM	5 GAL	Sewer Service Line	032000220000A	ROOTS	ROOTS	593453	WASHED UP AREA AROUND C/O	REFER TO HAVE PSC SLIP LINED
MORRIS FORMAN	KY0022411	2215 W BURNETT AVE	12/17/06 8:37 PM	12/17/06 08:47 PM	2 GAL	Sewer Service Line	041C01410000A	OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	620378	AREA WASHED DOWN	WORK ORDER #620379 - MSD REPAIRED PROPERTY SERVICE CONNECTION

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2915 WESTFIELD RD	04/09/07 7:23 PM	04/09/07 07:25 PM	1 GAL	Sewer Service Line	054300250000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655233	CUSTOMER CLEANED AREA	WORK ORDER #655423 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3129 MARLIN RD	01/22/07 10:45 AM	01/22/07 12:15 PM	1 GAL	Sewer Service Line	056301030000A	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	632147	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #632062 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4886 BRENDA DR	09/12/06 12:50 PM	09/12/06 02:30 PM	30 GAL	Sewer Service Line	062500340000A	MSD PSC WAS OBSTRUCTED.	OBSTRUCTION-NOT GREASE / ROOTS	588605	CLEAN UP AND WASH AREA WITH VACTOR.	REVERSE FLUSHED THE LINE GOT IT OPEN.
MORRIS FORMAN	KY0022411	4890 BRENDA DR	09/13/06 12:00 AM	09/13/06 06:05 PM	10 GAL	Sewer Service Line	062500540000A	ROOTS	ROOTS	589297	AREA WASHED DOWN	ROOT CUT M/S; INSTALLED 8" OF 6" M/S WITH A 8 TO 6 TEE FOR THE PROP SERV. CONN./INSTALLED A 6" T FOR THE CLEANOUT.
MORRIS FORMAN	KY0022411	1127 HOMEVIEW DR	01/28/07 11:00 PM	01/28/07 11:15 PM	20 GAL	Sewer Service Line	063K00640000A	PROPERTY SERVICE CONNECTIN BROKE (LG&E PLACED A POLE THROUGH THE LINE)	UTILITY DAMAGED MSD ASSET	634150	WATER IS FROZEN AROUND CLEANOUT	WORK ORDER #634149 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2126 W HILL ST	06/05/07 1:35 PM	06/05/07 01:50 PM	1 GAL	Sewer Manhole	06447	OBSTRUCTION AND CONCRETE IN MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	672707	CUSTOMER CLEANED AREA	WORK ORDER #672760 MSD VACTORED MANHOLE; WORK ORDER #672779 - MSD FLUSHED MANHOLE
MORRIS FORMAN	KY0022411	1002 ALTA CIR	02/23/07 11:30 AM	02/23/07 01:00 PM	1 GAL	Sewer Service Line	074C00370000A	ROOTS IN MAIN SEWER AND PART OF MAIN SEWER BROKE	ROOTS	641687	CUSTOMER CLEANED AREA	WORK ORDER #641708 ROOT CUT MAIN SEWER; WORK ORDER #641707 - REPAIRED MAIN SEWER
MORRIS FORMAN	KY0022411	2812 MONTROSE AVE	01/08/07 11:00 PM	01/09/07 12:30 AM	100 GAL	Sewer Service Line	081C00350000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	628327	AREA RAKED AND DEBRIS HAULED, ALSO SPREAD LIME	WORK ORDER #628340- ROOT CUT MAIN SEWER. WORK ORDER #628544 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	3018 JOAN AVE	01/25/07 7:00 PM	01/25/07 07:55 PM	3 GAL	Sewer Service Line	081G00220000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	633749	RAKED AND REMOVED MATERIAL	WORK ORDER #633750 - FLUSHED LINE AND ROOT CUT TO OPEN LINE
MORRIS FORMAN	KY0022411	1536 ANNA LN	11/13/06 1:10 PM	11/13/06 02:10 PM	1 GAL	Sewer Service Line	090C00900000A	ROOTS AT SHARED JOINT.	ROOTS	612435	MSD WASHED DOWN AND SANITIZED THE AREA AROUND THE OVERFLOW SITE.	WO 608388; ROOT CUT LINE TO MAIN; WO 608089 - REPLACED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT; WO 608785 - SLIP LINED PSC.
MORRIS FORMAN	KY0022411	4607 PLANE TREE DR	01/31/07 1:35 PM	01/31/07 02:35 PM	3 GAL	Sewer Service Line	091101020000A	ROOTS ON MSD'S PROPERTY SERVICE CONNECTION	ROOTS	634504	AREA WAS RAKED AND CLEANED BY MSD	WORK ORDER #634503 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5107 ROSETTE BLVD	04/13/07 9:05 PM	04/13/07 09:50 PM	1 GAL	Sewer Service Line	097503770000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	657713	WASHED DOWN AREA BACK INTO CLEANOUT	FLUSHED FROM MSD CLEANOUT WORK ORDER#657712
MORRIS FORMAN	KY0022411	2318 STANDARD AVE	01/18/07 1:45 PM	02/19/07 08:49 AM	70 GAL	Sewer Service Line	100165	ROOTS IN PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	631387	AREA WAS SWEEPED AND VACTORED	WORK ORDER #631325 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8300 NASH RD	12/14/06 4:32 PM	12/14/06 04:37 PM	10 GAL	Sewer Service Line	104501350000A	LWC DAMAGED A 5' PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	633995	MSD WASHED DOWN AREA AROUND THE OVERFLOW SITE.	WORK ORDER 620384 - MSD REPAIRED 5' OF 4" PROPERTY SERVICE CONNECTION.
MORRIS FORMAN	KY0022411	4221 WINCHESTER RD	08/28/06 9:34 AM	08/28/06 09:44 AM	10 GAL	Sewer Service Line	112169	ROOTS AND HEAVY BLOCKAGE IN PROPERTY SERVICE CONNECTION	ROOTS	632111	NO CLEANUP	ROOT CUT, REMOVED BLOCKAGE, REPLACED 10 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	2626 S 5TH ST	03/26/07 2:15 PM	03/26/07 02:55 PM	5 GAL	Sewer Service Line	118904	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652260	ADVISED CUSTOMER THAT AREA NEEDS TO BE CLEANED	WORK ORDER#652331 - MSD INSTALLED A 2-WAY CLEANOUT. MSD ADVISED CUSTOMER TO CONTACT PLUMBER FOR REPAIRS ON THEIR SIDE
MORRIS FORMAN	KY0022411	315 N 35TH ST	12/28/06 1:20 PM	12/28/06 01:53 PM	5 GAL	Sewer Service Line	127123	MSD'S PROPERTY SERVICE CONNECTION WAS DAMAGED	STRUCTURAL FAILURE	626411	PER PROPERTY OWNER NO CLEANING NEEDED	WORK ORDER #626455- REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED AN 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1402 CHEROKEE RD	12/04/06 10:53 AM	12/04/06 10:58 AM	10 GAL	Sewer Main	12994	DAMAGED SEWER MAIN/SEE WO#616136	STRUCTURAL FAILURE	633980	WORK ORDER #627735 - AREA WASHED DOWN	WORK ORDER #633980 - REPAIRED MAIN SEWER
MORRIS FORMAN	KY0022411	1605 S 32ND ST	06/14/07 6:00 PM	06/14/07 06:25 PM	10 GAL	Sewer Service Line	1394724	MSD'S PROPERTY SERVICE CONNECTION WAS RIPPED OUT BY THE LWC WHILE INSTALLING THE WATER MAIN	UTILITY DAMAGED MSD ASSET	675216	CUSTOMER CLEANED AREA	CUSTOMER SIGNED A STOP UP WAIVER. MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT. MSD WILL BILL LWC FOR REPAIRS

**APPENDIX C
OVERFLOWS TO GROUND
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	9006 ADMIRAL DR	08/31/06 11:57 AM	08/31/06 12:07 PM	10 GAL	Sewer Service Line	176032	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	633425	NO CLEANUP REQUIRED	ROOT CUT, FLUSHED, REPLACED 10 FEET OF PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4401 CORAM WAY	10/10/06 9:00 PM	10/10/06 10:20 PM	20 GAL	Sewer Manhole	17896	ROOTS IN M/S	ROOTS	595913	SANITIZE AND WASH DOWN AREA BACK INTO M/H	ROOT CUT M/S AND WASH DOWN AREA
MORRIS FORMAN	KY0022411	11015 FINCHLEY RD	11/28/06 2:25 PM	11/28/06 02:25 PM	1 GAL	Sewer Service Line	185202340000A	ROOTS IN PROP SERV CONN	ROOTS	633832	AREA WASHED DOWN	WO# 615281 ROOT CUT LINE/ WO# 615227 REPLACED 4' OF 6" PIPE AND INSTALLED A 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	3001 DERINGTON CT	10/28/06 9:30 AM	10/28/06 09:35 AM	10 GAL	Sewer Manhole	20155	PUMP STATION MALFUNCTIONING - THIS OVERFLOW DID NOT REACH WATERS OF THE US.	MECHANICAL FAILURE	630484	MSD AREA WASHED DOWN AREA AROUND THE OVERFLOW.	PUMP STATION REPAIRED.
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	01/15/07 3:00 PM	01/15/07 04:00 PM	100 GAL	Sewer Manhole	21628-W	RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	630368	AREA RAKED & DEBRIS HAULED	CLEANED AREA & CONTRACTED HAULING MSD0040-PS
MORRIS FORMAN	KY0022411	3921 SHELBYVILLE RD	01/05/07 11:13 PM	01/06/07 06:30 AM	1,000 GAL	Sewer Service Line	2638934	HEAVY GREASE AT THE CLEANOUT IN MSD PORTION OF PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	628015	RAKED & WASHED AREA DOWN	WORK ORDER#628017 - ROOT CUT MAIN SEWER - WORK ORDER#928018 - FLUSHED MAIN SEWER. REFERRING REQUEST TO MSD INDUSTRIAL WASTE DEPARTMENT - INCIDENT #9179
MORRIS FORMAN	KY0022411	2516 BANK ST	06/25/07 7:24 PM	06/25/07 07:26 PM	5 GAL	Sewer Service Line	2668	OBSTRUCTION AT THE PROPERTY LINE	OBSTRUCTION-NOT GREASE / ROOTS	680852	WE CLEANED UP DISCHARGE ON SIDEWALK WITH VACTOR.	WORK ORDER #680851 & #680955 - MSD INSTALLED A 2-WAY CLEANOUT AND ROOT CUT
MORRIS FORMAN	KY0022411	6601 FALLS CREEK RD	08/01/06 7:00 PM	08/01/06 09:00 PM	50 GAL	Sewer Manhole	31252	UNKNOWN OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	574304	WORK ORDER #574289 - MSD WASHED DOWN THE AREA.	WORK ORDER #574303 - MSD FLUSHED THE MAIN SEWER TO CLEAR THE OBSTRUCTION.
MORRIS FORMAN	KY0022411	3584 FINCASTLE RD	06/04/07 10:00 AM	06/04/07 01:10 PM	1 GAL	Sewer Service Line	3409A3584	ROOTS IN MAIN SEWER	ROOTS	672538	RAKED AND BAGGED DEBRI	FLUSHED AND ROOT CUT MAIN SEWER WORK ODERS #672496 & 672497
MORRIS FORMAN	KY0022411	645 ATWOOD ST	06/12/07 8:07 PM	06/12/07 10:00 PM	30 GAL	Sewer Service Line	3460	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION COLLAPSED	STRUCTURAL FAILURE	674551	NONE NEEDED, PAVEMENT WAS WET, NOT RUNNING	WORK ORDER #674644 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3902 BANTAM CT	12/11/06 4:05 PM	12/11/06 05:30 PM	5 GAL	Sewer Service Line	347	ROOTS AT THE SHARED JOINT.	ROOTS	618953	MSD RAKED AND WASHED AREA DOWN	WORK ORDER #618954 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT.
MORRIS FORMAN	KY0022411	2010 BONNYCASTLE AVE	11/11/06 7:00 PM	11/11/06 09:30 PM	40 GAL	Sewer Manhole	40494	OBSTRUCTION	OBSTRUCTION-NOT GREASE / ROOTS	607900	AREA WASHED DOWN	VACTORED MH# 40494/SEE WORK ORDER HISTORY
MORRIS FORMAN	KY0022411	403 FREEMAN AVE	12/10/06 1:00 PM	12/10/06 01:40 PM	10 GAL	Sewer Service Line	42262	ROOTS ON MSD AND PRIVATE PROPERTY	ROOTS	618664	PROPERTY OWNER CLEANED AREA	WORK ORDER #618663 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT. WORK ORDERS #618851 & #618851 ROOT CUT BOTH WAYS
MORRIS FORMAN	KY0022411	2318 STANNYE DR	12/20/06 5:47 AM	12/20/06 06:59 AM	25 GAL	Sewer Manhole	44091	ELECTRIC BREAKER TRIPPED ON #2 PUMP AT STANNYE PUMP STATION.	ELECTRICAL PROBLEMS AT MSD	620714	SAP WORK ORDER 4010953 FOR CLEANUP & SANATIZE OF AREA	RESET BREAKER.
MORRIS FORMAN	KY0022411	2318 STANNYE DR	12/21/06 9:45 AM	12/21/06 10:15 AM	25 GAL	Sewer Manhole	44091	MECHANICAL FALURE #1 PUMP AT STANNYE PUMP STATION. #2PUMP CAN NOT KEEP UP WITH FLOW.	MECHANICAL FAILURE	621670	AREA RAKED, DEBRIS HAULED, SPREAD LIME TO SANITIZE AREA	HAULED UNTILL REPAIRED PUMP COULD BE INSTALLED
MORRIS FORMAN	KY0022411	921 E CHESTNUT ST	03/21/07 7:45 PM	03/21/07 07:45 PM	10 GAL	Sewer Service Line	44851	SLUDGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	647064	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 647063 - FLUSHED LINE
MORRIS FORMAN	KY0022411	3534 HUGHES RD	09/30/06 1:30 PM	09/30/06 02:45 PM	5 GAL	Sewer Service Line	47749	BLOCKAGE IN PSC	OBSTRUCTION-NOT GREASE / ROOTS	593449	WASH DOWN AREA AROUND C/O	DIG UP AND REPAIR LINE
MORRIS FORMAN	KY0022411	4123 LEE AVE	04/09/07 9:23 PM	04/09/07 09:23 PM	1 GAL	Sewer Main	51258-CO	ROOTS IN MAIN SEWER	ROOTS	655252	MSD PERSONNEL CLEANED AND SANITIZED AREA	WORK ORDER 655249 - FLUSHED AND ROOT CUT THE LINE
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	09/12/06 5:45 PM	09/12/06 06:20 PM	50 GAL	Sewer Manhole	51594	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	589249	MSD PERSONNEL CLEANED AND SANITIZED THE AFFECTED AREA	NO REPAIRS NEEDED

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	7100 NACHAND LN	12/17/06 5:30 PM	12/17/06 05:35 PM	20 GAL	Sewer Manhole	71799	ROOTS IN MAIN SEWER	ROOTS	620382	WORK ORDER #620383 - PUT DOWN SOME LIME AROUND OVERFLOW AREA	WORK ORDER #620381 ROOT CUT 150 FEET
MORRIS FORMAN	KY0022411	1225 PIGEON PASS RD	10/29/06 6:40 PM	10/29/06 06:48 PM	6 GAL	Sewer Manhole	74657	ROOTS IN MAIN SEWER.	ROOTS	602475	INSPECTOR ON SITE CLEANED UP THE AREA.	WORK ORDER 602474 - MSD ROOT CUT THE SEWER.
MORRIS FORMAN	KY0022411	3015 NEPPERHAN RD	04/29/07 6:00 PM	04/29/07 06:40 PM	1 GAL	Sewer Service Line	74970	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663432	RAKED AND BAGGED AREA	REVERSED FLUSHED TO GET OPEN - WORK ORDER #663431
MORRIS FORMAN	KY0022411	912 BAXTER AVE	03/30/07 9:20 AM	03/30/07 10:16 AM	10 GAL	Sewer Service Line	8148	MSD'S PROPERTY SERVICE CONNECTION LOOKS TO BE DAMAGED OR TAPED OFF.	STRUCTURAL FAILURE	652977	MSD VACTOR OUT THE SEWER WATER FROM A TELEPHONE COMPANY VAULT.	PER IWD OF MSD - SEWAGE WAS NOT IN THE WATER - NO REPAIRS NEEDED
MORRIS FORMAN	KY0022411	973 BAXTER AVE	01/27/07 6:15 PM	01/27/07 07:48 PM	1 GAL	Sewer Service Line	8150	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	634101	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 646817 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	973 BAXTER AVE	04/09/07 3:00 PM	04/09/07 04:00 PM	1 GAL	Sewer Service Line	8150	BLOCKAGE IN THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	655221	WASHED THE SEWAGE INSIDE THE MSD CLEANOUT	WORK ORDER 655292 - FLUSHED THE PROPERTY SERVICE CONNECTION AND OPENED THE LINE
MORRIS FORMAN	KY0022411	249 POPE ST	07/11/06 8:36 AM	07/11/06 08:46 AM	10 GAL	Sewer Service Line	84038	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627316	PROPERTY OWNER WASHED DOWN AREA AROUND EXTERIOR CLEANOUT	WO# 570519 ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	5001 RED OAK LN	06/09/07 5:00 PM	06/09/07 05:30 PM	2 GAL	Sewer Service Line	87137	PROPERTY SERVICE CONNECTION BROKE DOWN AT THE BEND. ALSO ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	673418	CLEANED AND BAGGED DEBRIS	WORK ORDER 673771 AND 673389 - ROOT CUT TO THE MAIN SEWER, REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3129 RIVER PARK DR	01/07/07 9:30 AM	01/07/07 09:50 AM	20 GAL	Sewer Service Line	88639	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION AND IN THE MAIN SEWER	STRUCTURAL FAILURE	628105	VACTORED AREA ALSO RAKED DEBRIS	WORK ORDER #628097 - REPAIRED BROKEN PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	602 RUBEL AVE	06/03/07 10:00 PM	06/03/07 10:35 PM	2 GAL	Sewer Service Line	90405	THE PROPERTY SERVICE CONNECTION HAS COLLAPSED DUE TO LOUISVILLE WATER COMPANY'S WORK	UTILITY DAMAGED MSD ASSET	672403	CUSTOMER CLEANED AREA	WORK ORDER #672430 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. MSD BILLED THE LOUISVILLE WATER FOR THE REPAIRS
MORRIS FORMAN	KY0022411	12107 SHELBYVILLE RD	04/11/07 7:00 PM	04/11/07 09:20 PM	50 GAL	Sewer Service Line	94083	GREASE AND DEBRI IN SEWER	GREASE BLOCKAGE	655697	WASHED DOWN AREA AND VACTORED	WORK ORDER # 655696 FLUSH & WORK ORDER #655695 - VACTOR LINE SEGMENT TO GET OPEN
MORRIS FORMAN	KY0022411	1540 W BRECKINRIDGE ST	01/08/07 12:50 PM	01/16/07 04:46 PM	15 GAL	Sewer Service Line	9945	ROOTS AT THE SHARED JOINT	ROOTS	628268	PROPERTY OWNER CLEANED AREA	WORK ORDER #628257 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	4200 BROWNS LN	10/04/06 11:23 AM	10/04/06 12:30 PM	50 GAL	Sewer Service Line	BJ10595099	ROOTS IN MAIN SEWER.	ROOTS	594589	WORK ORDER 594587 - MSD WASHED DOWN AREA AND VACTORED DEBRIS.	WORK ORDER 594581 - MSD ROOT CUT THE MAIN SEWER.
MORRIS FORMAN	KY0022411	1215 ELLISON AVE	10/31/06 11:43 AM	10/31/06 12:46 PM	35 GAL	Sewer Manhole	CSO113	OBSTRUCTION IN THE LINE	OBSTRUCTION-NOT GREASE / ROOTS	603210	AREA WAS WASHED DOWN	WORK ORDER NO. 603136, FLUSHED THE LINE AND GOT IT OPEN
MORRIS FORMAN	KY0022411	1001 BARDSTOWN RD	12/15/06 4:30 PM	12/15/06 07:15 PM	15 GAL	Sewer Service Line	J07917039	GREASE BLOCKAGE IN MSD'S CLEANOUT	GREASE BLOCKAGE	620271	FLUSHED AREA TO CLEAN WO#620269	WORK ORDER #620269 - REVERSE FLUSHED AND GOT LINE OPEN. NOTIFIED IWD, ON SITE.
MORRIS FORMAN	KY0022411	1045 E ST CATHERINE ST	04/13/06 10:27 AM	10/13/06 10:35 AM	10 GAL	Sewer Service Line	K10627039	ROOTS IN THE MAIN SEWER.	ROOTS	619866	PROPERTY OWNER CLEANED THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER 545153 - MSD REPLACED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT. WORK ORDER 545488 - MSD FLUSHED THE MAIN SEWER.
MORRIS FORMAN	KY0022411	3516 WHIPPOORWILL RD	02/21/07 2:30 PM	02/21/07 03:30 PM	15 GAL	Sewer Service Line	KK10081019	ROOTS IN MAIN SEWER	ROOTS	641282	RAKED AND BAGGED LEAVES & DEBRI	WORK ORDER #641254 - ROOT CUT MAIN SEWER; WORK ORDER #641256 - FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1581 BELMAR DR	09/27/06 5:30 PM	09/27/06 06:00 PM	2 GAL	Sewer Service Line	KK14604099	MAIN SEWER FULL OF DEBRIS	OBSTRUCTION-NOT GREASE / ROOTS	592710	CLEANED UP AREA BY SHOVELING INTO BAGS	REVERSE FLUSHED GOT OPEN AND SHOVELED INTO BAGS
MORRIS FORMAN	KY0022411	147 BUCHANAN ST	04/04/07 7:53 AM	04/04/07 10:00 AM	50 GAL	Sewer Lift Station	MSD0088-PS	UNDETERMINE SUBSTANCE CAUSING FOAM AT STATION	OBSTRUCTION-NOT GREASE / ROOTS	653980	MSD WASHED DOWN ALL IMPACTED AREAS	MSD/IWD INVESTIGATING SOURCE OF FOAM

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3011 DERINGTON CT	10/28/06 9:55 AM	10/28/06 10:15 AM	600 GAL	Sewer Lift Station	MSD0095-PS	PUMP CONTROLS TRIPPED WHILE IN HIGH WET WELL FROM RAIN EVENT	ELECTRICAL PROBLEMS AT MSD	602392	AREA RAKED & DEBRIS HAULED	ELECTRICIAN RESET CIRCUIT BRAKER & HAULED STATION WHILE REPAIRS TOOK PLACE
MORRIS FORMAN	KY0022411	823 W EVELYN AVE	09/01/06 9:00 AM	09/01/06 09:55 AM	10 GAL	Sewer Service Line	U08646019	ROOTS ON MSD & P/P	ROOTS	616679	INSPECTOR CLEANED & RAKED AREA TO REMOVE DEBRIS	MSD MADE REPAIRS TO THE SHARED JOINT CONNECTION
MORRIS FORMAN	KY0022411	2322 MAPLE ST	01/18/07 5:39 PM	01/18/07 07:03 PM	20 GAL	Sewer Service Line	USI272322	OBSTRUCTION ON MSD PORTION OF PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	631395	MSD RAKED AND LIMED AREA	WORK ORDER #631396 - REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3512 DUTCHMANS LN	10/05/06 6:00 PM	10/05/06 09:00 PM	2 GAL	Sewer Service Line	Z17432059	ROOTS IN MAIN SEWER.	ROOTS	595000	MSD WASHED DOWN AREA.	WORK ORDER 594999 - MSD REPLACED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER 595540 - MSD ROOT CUT THE SEWER.
CEDAR CREEK	KY0089540	6630 ARBOR CREEK DR	03/17/07 3:00 PM	03/17/07 03:45 PM	20 GAL	Sewer Manhole	106707	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	646207	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 646206 - FLUSHED LINE SEGMENT
CEDAR CREEK	KY0089540	11045 RADLEIGH LN	02/14/07 2:20 AM	02/14/07 02:32 AM	5 GAL	Sewer Service Line	14403128	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION - THE PIPE WAS BROKE DOWN	STRUCTURAL FAILURE	638504	CUSTOMER CLEANED AREA	WORK ORDER #638504 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	11044 PERWINKLE LN	08/22/06 3:10 PM	08/22/06 03:20 PM	10 GAL	Sewer Service Line	1440316	PIPE COLLAPSE IN PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	631097	PROPERTY OWNER CLEANED AREA IN BACKYARD	REPLACED 12 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
CEDAR CREEK	KY0089540	6023 COOPER CHAPEL RD	12/27/06 10:42 PM	12/27/06 11:00 PM	20 GAL	Sewer Service Line	160264	GREASE AND DEBRIS BUILDUP ON THE PUMP TILT BULBS CAUSED THE STATION TO GO DOWN.	GREASE BLOCKAGE	626308	MSD WASHED DOWN THE OVERFLOW AREA AND PLACED LIME.	METRO OPERATIONS PERSONNEL RESTARTED THE PUMP STATION. THIS PUMP STATION WILL BE MONITORED CLOSELY FOR GREASE/DEBRIS BUILDUP.
CEDAR CREEK	KY0089540	5508 OAK CREEK LN	02/15/07 8:30 AM	02/15/07 10:45 AM	10 GAL	Sewer Manhole	28671	ROOT CUT THE MAIN SEWER	ROOTS	638730	MSD WASH DOWN THE AREA	WORK ORDER #638699 - MSD ROOT CUT MAIN SEWER
CEDAR CREEK	KY0089540	5508 OAK CREEK LN	02/22/07 9:30 AM	02/22/07 11:02 AM	5 GAL	Sewer Manhole	28671	LARGE STONES IN THE CHANNEL OF THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	641335	WASHED THE SEWAGE INTO THE MAIN SEWER	WORK ORDER 641342 - REMOVED THE STONES IN THE MAIN SEWER AND ROOT CUT THE SEWER LINE
CEDAR CREEK	KY0089540	8804 MOUNT GERALD CT	01/04/07 10:00 AM	01/04/07 10:50 AM	1 GAL	Sewer Service Line	BW0724503	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	627560	RAKED THE SEWER WASTE IN A TRASH BAG AND DISPOSED OF THE PLASTIC BAG	WORK ORDER #627598 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
BANCROFT	KY0039021	7610 OLD ORCHARD CIR	01/05/07 9:50 AM	01/05/07 09:52 AM	30 GAL	Sewer Treatment Plant	MSD0290	MECHANICAL FAILURE OF DISCHARGE VALVE ON TANKER 2088	MECHANICAL FAILURE	627769	AREA RAKED & DEBRIS HAULED. AREA WASHED DOWN & SANITIZED WITH LIME	TANKER TRUCK 2088 SENT TO CMF FOR REPAIRS TO DISCHARGE VALVE
HUNTING CREEK NORTH	KY0029106	7251 FOX HARBOR RD	11/12/06 11:00 AM	11/12/06 11:30 AM	200 GAL	Sewer Lift Station	MSD1054-LS	BAD TILT BULBS FOR BACK UP ALARM. CAUSED PUMPS NOT TRIP; ALARMS DID NOT SOUND.	MECHANICAL FAILURE	607917	OPERATORS SPREAD LIME TO SANITIZE AREA.	REPLACE TILT BULBS. PUMP STATION PLACE BACK INTO WORKING ORDER.
HUNTING CREEK NORTH	KY0029106	9519 U S HIGHWAY 42	03/20/07 3:45 PM	03/20/07 04:15 PM	300 GAL	Sewer Lift Station	MSD1058-LS	DISCHARGE WAS CAUSED BY MECHANICAL FALIURE OF EQUIPMENT BELONGING TO API SERVICES.	MECHANICAL FAILURE	646654	HARDTOP SURFACE SWEEPED AND CATCH BASIN BANK RAKED DEBRI HAULED	REPAIRS MADE TO API VEHICLE WORK CONTINUED TILL JOB COMPLETION
FLOYDS FORK	KY0102784	617 HILLROSE DR	04/18/07 1:00 PM	04/18/07 02:45 PM	2 GAL	Sewer Service Line	1306521	BLOCKAGE IN THE SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	658539	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #658515 - MSD FLUSHED THE PROPERTY SERVICE CONNNECTION
FLOYDS FORK	KY0102784	617 HILLROSE DR	06/09/07 12:15 PM	06/09/07 01:15 PM	3 GAL	Sewer Service Line	1306521	MSD'S PROPERTY SERVICE CONNECTION BROKE WITH ROCKS INSIDE	STRUCTURAL FAILURE	673422	CUSTOMER CLEANED AREA	WORK ORDER #673396 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	17007 OLDE COPPER CT	08/16/06 11:36 PM	08/16/06 11:41 PM	10 GAL	Sewer Main	69275	FORCE MAIN BREAK	STRUCTURAL FAILURE	637720	AREA WASHED DOWN	FORCE MAIN REPAIRED
FLOYDS FORK	KY0102784	17009 OLDE COPPER CT	08/17/06 12:15 AM	08/17/06 12:30 AM	300 GAL	Sewer Main	79306-CO	FORCE MAIN BREAK.	STRUCTURAL FAILURE	579840	MSD SPREAD LIME ON THE AREA AROUND THE OVERFLOW SITE.	MAC CONSTRUCTION REPAIRED THE FORCE MAIN. SEWAGE WAS HAULED TO PREVENT FURTHER OVERFLOWS.
LAKE FOREST	KY0042226	14101 SHELBYVILLE RD	02/02/07 9:00 AM	02/02/07 10:00 AM	10 GAL	Sewer Main	107281	LEAKING SEWER LINE	STRUCTURAL FAILURE	635457	WASH DOWN THE SEWAGE INTO THE MAIN SEWER.	MSD ADJUSTED THE BAND ON PVC PIPE PIPE.

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LAKE FOREST	KY0042226	14000 BECKLEY TRCE	01/08/07 7:40 AM	01/08/07 07:45 AM	5 GAL	Sewer Treatment Plant	MSD0403	LIQUID DRAINED FROM HOSE TO GROUND DURING PUMP/HAUL OPERATION TO PREVENT MAJOR OVERFLOW DURING A RAIN EVENT.	MECHANICAL FAILURE	628238	AREA RAKED & DEBRIS HAULED, AREA WASHED DOWN	CLEAN-UP & DRAIN HOSE TO DIGESTER
LAKE FOREST	KY0042226	14000 BECKLEY TRCE	04/13/07 10:00 AM	04/13/07 10:05 AM	50 GAL	Sewer Treatment Plant	MSD0403	MECHANICAL FAILURE/METRO AG VEHICLE WAS PUMPING DOWN DIGESTER AT LAKE FOREST TREATMENT PLANT AND HOSE CAME OFF VEHICLE .	MECHANICAL FAILURE	657653	AREA RAKED DEBRI REMOVED LIME SPREAD. DISCHARGE OCCURED ON MSD PROPERTY	HOSE REPLACED AND WORK CONTINUED TILL COMPLETION

Appendix D - Discharge Work Orders – Interior

APPENDIX D
OVERFLOWS TO INTERIOR
JULY 1, 2006 THROUGH JUNE 30, 2007

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
HITE CREEK	KY0022420	6301 STHY 329	02/09/07 1:30 PM	02/09/07 04:36 PM	1 GAL	Sewer Service Line	130096301	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	638042	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 638036 AND 638038 - FLUSHED MAIN SEWER AND THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	6301 PARK RD	01/23/07 3:49 AM	01/23/07 05:22 AM	35 GAL	Sewer Service Line	14551159	ROOTS IN MAIN SEWER	ROOTS	632181	MSD'S CONTRACTOR PERFORMED FULL CLEAN UP	WORK ORDER #632178 ROOT SAWED MAIN SEWER
HITE CREEK	KY0022420	4950 NORTON HEA	02/16/07 2:30 PM	02/16/07 03:30 PM	3 GAL	Sewer Service Line	147274950	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	657663	PROPERTY OWNER CLEANED THE IMPACTED AREA	WORK ORDER 638991 - FLUSHED OPEN MAIN SEWER
HITE CREEK	KY0022420	11400 HALIFAX DR	02/23/07 2:00 PM	02/23/07 03:00 PM	1 GAL	Sewer Service Line	159500450000A	ROOTS IN THE SEWER MAIN	ROOTS	641691	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #641699 - ROOT CUT THE MAIN SEWER AND WAS FLOWING FINE.
HITE CREEK	KY0022420	3816 NORTHUMBE	11/04/06 12:47 PM	11/04/06 01:02 PM	10 GAL	Sewer Service Line	161101010000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630458	AREA WASHED DOWN	ROOT CUT, FLUSHED AND REPLACED 8' OF 6" SERVICE LINE AND INSTALLED CLEANOUT
HITE CREEK	KY0022420	11303 RODEN CT	09/08/06 1:00 PM	09/08/06 01:30 PM	2 GAL	Sewer Service Line	161702600000A	ROOT OBSTRUCTION	ROOTS	588668	PROPERTY OWNER CLEANED AREA HIMSELF. NO CLEANUP CREWS NEEDED	WORK ORDER NO. 586779, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	11305 RODEN CT	09/07/06 12:00 AM	09/07/06 06:17 PM	1 GAL	Sewer Service Line	161702610000A	ROOTS IN THE PSC	OBSTRUCTION-NOT GREASE / ROOTS	588498	NO CLEANUP NEEDED AT THIS TIME	PSCR WORK ORDER #586474, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	11305 RODEN CT	09/07/06 2:12 PM	09/17/06 04:57 PM	1 GAL	Sewer Service Line	161702610000A	ROOTS ON MSD PORTION OF THE LINE	ROOTS	618591	OFFERED CLEAN-UP P/O STATED SHE WILL CLEAN AREA HERSELF	MSD MADE REPAIR TO SEWER LINE TO RELIEVE BLOCKAGE
HITE CREEK	KY0022420	4405 SUSSEX CT	07/12/06 5:43 PM	07/12/06 05:50 PM	10 GAL	Sewer Service Line	162903270000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627725	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 570823 ROOT CUT, INSTALLED CLEANOUT
HITE CREEK	KY0022420	4512 DICKERSON C	07/10/06 8:20 AM	07/10/06 08:25 AM	10 GAL	Sewer Service Line	163002010000A	ROOTS ON MSD & P/P	ROOTS	635496	AREA WASHED DOWN	EXCAVATED/RAN 6" BRUSH THRU LINE & REMOVED ROOTS/REPLACED LINE WITH 7' OF 6" PVC/ROOT CUT 40' TO MAIN/FLUSHED PROP.SERV.CONN OUT TO MAIN 40'
HITE CREEK	KY0022420	4627 LUNENBURG	06/06/07 9:15 PM	06/06/07 09:30 PM	1 GAL	Sewer Service Line	165504160000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672937	CUSTOMER CLEANED	WORK ORDER #672970 & #673303 - MSD ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	12002 LURAY CT	08/07/06 2:17 PM	08/07/06 02:27 PM	10 GAL	Sewer Service Line	165504750000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629336	PROPERTY OWNER SUBMITTED CLAIM FOR THIRD PARTY CLEANUP	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
HITE CREEK	KY0022420	12015 HALIFAX DR	06/03/07 11:32 AM	06/03/07 11:33 AM	5 GAL	Sewer Service Line	165505190000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672378	CUSTOMER CLEANED AREA	WORK ORDER #672492 - ROOT CUT THE LINE; WORK ORDER #672383 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
HITE CREEK	KY0022420	4517 SHENANDOAL	03/03/07 2:10 PM	03/03/07 02:25 PM	5 GAL	Sewer Service Line	165605510000A	ROOTS ON PRIVATE PROPERTY AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643270	CUSTOMER CLEANED AREA	WORK ORDER #643466 - ROOT CUT MSD'S PROPERTY SERVICE CONNECTION TO THE MAIN AND PSCR WO#643288 FOR MSD TO REPAIR PROPERTY SERVICE CONNECTION
HITE CREEK	KY0022420	4522 SHENANDOAL	03/02/07 11:15 AM	03/02/07 12:15 PM	1 GAL	Sewer Service Line	165606030000A	ROOTS AT THE SHARED JOINT	ROOTS	643178	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #643164 - REPAIRED PROPERTY SERVICE CONNECTION; WORK ORDER #643255 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER#643256 - FLUSH
HITE CREEK	KY0022420	4514 SHENANDOAL	03/08/07 9:30 AM	03/08/07 10:21 AM	1 GAL	Sewer Service Line	165606050000A	ROOTS ON PRIVATE PROPERTY AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643994	PROPERTY OWNER CLEANED THE AREA.	MSD ADVISED CUSTOMER TO CONTACT PLUMBER FOR REPAIRS. WORK ORDER #644032 - MSD ROOT CUT LINE TO CLEAR MSD' PORTION
HITE CREEK	KY0022420	4507 YAGER LN	11/30/06 2:44 PM	11/30/06 02:49 PM	10 GAL	Sewer Service Line	166900870000A	ROOTS IN MAIN SEWER	ROOTS	631530	AREA WASHED DOWN	WO# 615081 ROOT CUT LINE
HITE CREEK	KY0022420	4920 HONEYLORE	11/29/06 6:07 PM	11/29/06 06:12 PM	10 GAL	Sewer Service Line	176152	GREASE IN PROP SERV CONN AND ALSO SWAG	GREASE BLOCKAGE	631512	AREA WASHED DOWN	WO# 614918 REPLACED PIPE AND INSTALLED A 2-WAY CLEANOUT
HITE CREEK	KY0022420	10917 NAGEL CT	02/05/07 10:15 PM	02/05/07 10:30 PM	5 GAL	Sewer Service Line	181580	PROPERTY SERVICE CONNECTION BROKE AT THE PROPERTY LINE	STRUCTURAL FAILURE	635611	CUSTOMER CLEANED AREA	WORK ORDER #635629 - REPAIR PROPERTY SERVICE CONNECTION

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HITE CREEK	KY0022420	1443 TAZWELL DR	05/26/07 8:55 AM	05/26/07 12:00 PM	100 GAL	Sewer Service Line	707811443	ROOTS IN THE MAIN SEWER.	ROOTS	671298	MSD'S CLEANING CONTRACTOR COMPLETED A FULL CLEAN UP.	WORK ORDER #671297 - MAIN SEWER WAS ROOT CUT
BERRYTOWN WTP	KY0036501	1424 N ENGLISH ST	03/15/07 11:00 AM	03/15/07 11:20 AM	2 GAL	Sewer Service Line	AN62370029	PROPERTY SERVICE CONNECTION BROKE ON MSD'S PORTION	STRUCTURAL FAILURE	645731	CUSTOMER CLEANED AREA	WORK ORDER #645858 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
STARVIEW	KY0031712	412 TAURUS PL	04/08/07 10:30 PM	04/09/07 12:10 AM	5 GAL	Sewer Service Line	AN36522019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	654775	CUSTOMER CLEANED AREA	WORK ORDER #654773 - ROOT CUT MSD'S PORTION. MARKED AREA FOR CUSTOMER AND ADVISED TO CONTACT PLUMBER
STARVIEW	KY0031712	401 CONLEY CT	11/20/06 8:22 AM	11/20/06 08:27 AM	10 GAL	Sewer Service Line	AN36830019	ROOTS IN MAIN SEWER	ROOTS	631216	AREA WASHED DOWN	ROOT CUT MAIN SEWER
JEFFERSONTOWN	KY0025194	3307 EMERALD DR	12/18/06 4:45 PM	12/18/06 04:50 PM	10 GAL	Sewer Service Line	057801550000A	ROOTS IN MAIN SEWER AND ON PRIVATE PROPERTY	ROOTS	631987	CUSTOMER CLEANED AREA	WORK ORDER #620541 - ROOT CUT MAIN SEWER. MSD ADVISED TENANT TO CONTACT LANDLORD TO CONTACT PLUMBER FOR REPAIRS.
JEFFERSONTOWN	KY0025194	3618 ST EDWARDS	11/09/06 9:47 AM	11/09/06 09:52 AM	10 GAL	Sewer Service Line	058700650000A	ROOTS	ROOTS	630556	AREA WASHED DOWN	EXCAVATED/REMOVED 4' OF 6". ROOT CUT TO M/S 6' & REMOVED HEAVY ROOTS.FLUSHED BACK TO HOUSE 30'.REPLACED 4' OF 6".
JEFFERSONTOWN	KY0025194	3604 CALAIS DR	07/15/06 4:15 PM	07/15/06 04:25 PM	10 GAL	Sewer Service Line	059300160000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628250	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 571662 ROOT CUT, WO# 571578 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9712 LYRIC LN	09/20/06 3:05 PM	09/20/06 04:00 PM	10 GAL	Sewer Service Line	059500580000A	ROOT OBSTRUCTION	ROOTS	589999	CLAIM WORK ORDER #589935, MSD'S PROFESSIONAL CLEANING SERVICE CLEANED AND SANITIZED THE AREA	WORK ORDER #589968, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
JEFFERSONTOWN	KY0025194	2701 TREGARON A	02/10/07 3:20 PM	02/10/07 04:10 PM	2 GAL	Sewer Service Line	059800200000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638076	CUSTOMER CLEANED AREA	WORK ORDER#638163 - ROOT CUT; WORK ORDER #638182 - ROOT CUT; WORK ORDER#638075 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10013 MERIONETH	08/24/06 2:19 PM	08/24/06 02:29 PM	10 GAL	Sewer Service Line	059800660000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631248	PROPERTY OWNER CLEANED AREA AROUND KITCHEN SINK	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
JEFFERSONTOWN	KY0025194	2915 ARLINGTON C	04/01/07 5:05 PM	04/01/07 05:45 PM	1 GAL	Sewer Service Line	082D01000000A	ROOTS IN PROPERTY SERVICE CONNECTION BOTH ON PRIVATE PROPERTY AND MSD	ROOTS	653324	CUSTOMER CLEANED	WORK ORDER #653439 - ROOT CUT LINE TO OPEN
JEFFERSONTOWN	KY0025194	2901 N MELROSE D	07/09/06 11:26 AM	07/09/06 11:35 AM	10 GAL	Sewer Service Line	112852901	OFFSET JOINT ON MSD PORTION OF LINE	STRUCTURAL FAILURE	627272	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	REPLACED MSD PORTION OF PROPERTY SERVICE CONNECTION
JEFFERSONTOWN	KY0025194	9805 ROWNTREE R	02/26/07 4:45 PM	02/26/07 05:30 PM	1 GAL	Sewer Service Line	114169805	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642050	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #642051 - ROOT CUT PROPERTY SERVICE CONNECTION
JEFFERSONTOWN	KY0025194	4114 BOLLING BRO	05/30/07 3:00 PM	05/30/07 04:30 PM	3 GAL	Sewer Service Line	1497232	OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	671751	PROPERTY OWNER CLEANED AREA	LE IS STILL UNDER WARRANTY - CONTRACTOR'S RESPONSIBLE FOR REPAIRING
JEFFERSONTOWN	KY0025194	3013 THOMAS LN	05/11/07 11:00 PM	05/12/07 12:05 AM	25 GAL	Sewer Service Line	163257	STRUCTURAL FAILURE IN 4" TEE	STRUCTURAL FAILURE	666907	CUSTOMER CLEANED AREA	WORK ORDER #666906 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9705 DOLPHIN CT	08/31/06 8:46 PM	08/31/06 08:56 PM	10 GAL	Sewer Service Line	164306	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	633428	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9102 WENDELL CT	12/21/06 3:05 PM	12/21/06 05:45 PM	5 GAL	Sewer Service Line	164326	WHILE FLUSHING THE LINE MSD CAUSED WATER TO BACK-UP INTO THE CUSTOMER HOME	OBSTRUCTION-NOT GREASE / ROOTS	626493	CONTACTED CLEANING CONTRACTOR TO CLEAN AREA, ALSO REIMBURSED FOR ANY DAMAGED ITEMS	WORK ORDER #622447 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3018 VALLEY DR	01/14/07 2:40 PM	01/14/07 05:45 PM	20 GAL	Sewer Service Line	166312	ROOTS IN MAIN SEWER	ROOTS	635430	CUSTOMER CLEANED AREA	WORK ORDER #630276 - VACTORED MANHOLES IN FRONT OF HOUSE
JEFFERSONTOWN	KY0025194	4007 STONE LAKES	03/12/07 8:00 PM	03/12/07 08:40 PM	1 GAL	Sewer Service Line	168223	HEAVY DEBRIS IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	645099	CUSTOMER CLEANED AREA	WORK ORDER 645098 - FLUSHED MAIN SEWER

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JEFFERSONTOWN	KY0025194	4217 WILLOWVIEW	02/10/07 8:45 PM	02/10/07 09:45 PM	1 GAL	Sewer Service Line	176648	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION - LINE APPEARS TO BE BROKE DOWN.	STRUCTURAL FAILURE	638099	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #638096 - REPLACED 6' OF 4" PVC WITH A TWO WAY CLEAN OUT VAULT AND LID
JEFFERSONTOWN	KY0025194	4526 DOVE PARK E	10/27/06 2:50 PM	10/27/06 02:55 PM	10 GAL	Sewer Service Line	180073	STRUCTURAL DAMAGE/SEE WORK ORDER #602372	STRUCTURAL FAILURE	630890	AREA WASHED DOWN	REPLACED 13' OF 4" PVC WITH A 2 WAY CLEANOUT VAULT & LID/SEE WO # 602372
JEFFERSONTOWN	KY0025194	1309 POLLITT CT	10/14/06 1:23 PM	10/14/06 01:28 PM	10 GAL	Sewer Service Line	181816	ROOTS	ROOTS	629303	AREA WASHED DOWN	EXCAVATED/REMOVED ROOTS FROM REDUCER/INSTALLED 2 WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9902 WELSHPOOL	01/14/07 12:30 PM	01/14/07 02:40 PM	5 GAL	Sewer Service Line	182700730000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630405	CUSTOMER CLEANED AREA	WORK ORDER #630513 - ROOT CUT PROPERTY SERVICE CONNECTION
JEFFERSONTOWN	KY0025194	2406 TREGARON A	09/13/06 12:00 AM	09/13/06 09:47 PM	1 GAL	Sewer Service Line	182701130000A	ROOT OBSTRUCTION	OBSTRUCTION-NOT GREASE / ROOTS	589305	CLEANUP NOT FEASIBLE	ROOT CUT WORK ORDER NO. 589164, MSD ROOT CUT THE MAIN SEWER FROM MH#28856 TO MH#28855
JEFFERSONTOWN	KY0025194	9504 GATEWAY DR	01/03/07 3:30 PM	01/03/07 03:30 PM	1 GAL	Sewer Service Line	182701790000A	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD'S SIDE	ROOTS	627343	PROPERTY OWNER CLEANED AREA	WORK ORDER #627728 - ROOT CUT 25FT TO MAIN SEWER. WORK ORDER #627566 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
JEFFERSONTOWN	KY0025194	2207 MAMMOTH W	11/16/06 11:24 AM	11/16/06 11:29 AM	10 GAL	Sewer Service Line	182702630000A	ROOTS THROUGHOUT PRIV. PROP. CONN.	ROOTS	631017	AREA WASHED DOWN	RODDED AND REPLACED 7' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT VAULT AND LID
JEFFERSONTOWN	KY0025194	2804 PATTI LN	04/26/07 11:15 AM	04/26/07 01:11 PM	1 GAL	Sewer Main	28710	BLOCKAGE IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	661426	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #661425 - ROOT CUT THE THE MAIN SEWER
JEFFERSONTOWN	KY0025194	3115 AUBURN CIR	08/28/06 12:23 PM	08/28/06 12:33 PM	10 GAL	Sewer Service Line	JT00219619	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632134	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9801 OLD SIX MILE	12/12/06 1:26 PM	12/12/06 01:31 PM	10 GAL	Sewer Service Line	JT00372619	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631971	CUSTOMER CLEANED AREA	WO# 619834 ROOT CUT LINE/ WO# 619543 REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAN OUT VAULT AND LID
JEFFERSONTOWN	KY0025194	9104 GALENE DR	04/10/07 1:30 PM	04/10/07 03:15 PM	1 GAL	Sewer Service Line	JT00560819	FULL OF STONE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	655437	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #655441 - REPLACED THE CLEANOUT VAULT
JEFFERSONTOWN	KY0025194	9713 WALNUTWOC	07/24/06 11:11 AM	07/24/06 11:21 AM	10 GAL	Sewer Service Line	JT00808819	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628537	PROPERTY OWNER CLEANED BATHROOM FACILITY	FLUSHED LINE, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
JEFFERSONTOWN	KY0025194	9713 WALNUTWOC	08/02/06 8:22 AM	08/02/06 08:32 AM	10 GAL	Sewer Service Line	JT00808819	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629029	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN AND BATHROOM FACILITY	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3705 GLENWILLOW	05/26/07 12:00 PM	05/26/07 01:00 PM	2 GAL	Sewer Service Line	JT00813619	ROOTS ON MSD PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	671304	CUSTOMER CLEANED AREA.	WORK ORDER #671305 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3516 BARCLAY DR	05/03/07 3:10 PM	05/03/07 03:45 PM	1 GAL	Sewer Service Line	JT00863439	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	664523	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #664796 - ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #664573 - REPAIR THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAN
JEFFERSONTOWN	KY0025194	3406 TRELIS CT	09/20/06 2:56 PM	09/20/06 03:01 PM	10 GAL	Sewer Service Line	JT00869239	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	638216	AREA WASHED DOWN	WO# 590138 ROOT CUT/ WO# 589991 REPLACED 5' OF 6" PIPE WITH CLEAN OUTSET VAULT AND LID
JEFFERSONTOWN	KY0025194	9609 CAMILLE RD	11/24/06 10:04 AM	11/24/06 10:09 AM	10 GAL	Sewer Service Line	JT00876429	ROOTS IN PROP. SERV. CONN.	ROOTS	631446	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF SERVICE LINE WITH 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	3415 CALAIS DR	04/28/07 1:00 PM	04/28/07 01:00 PM	1 GAL	Sewer Service Line	JT00882619	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	663406	PROPERTY OWNER CLEANED AREA	REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT - WORK ORDER #663410; ROOT CUT LINE - WORK ORDER #663413
JEFFERSONTOWN	KY0025194	3304 MAPLE RD	03/29/07 3:00 PM	03/29/07 03:30 PM	1 GAL	Sewer Service Line	JT00954029	BACK WASH FROM FLUSHING THE SEWER MAIN	OBSTRUCTION-NOT GREASE / ROOTS	652913	PROPERTY OWNER CLEANED THE AREA	WILL INFORM RESIDENCE NEXT TIME WE DO MAINTENANCE ON THE SEWERS

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JEFFERSONTOWN	KY0025194	3304 MAPLE RD	04/02/07 9:00 PM	04/02/07 09:25 PM	1 GAL	Sewer Service Line	JT00954029	CLEANING SEWER LINES IN AREA AND BACKUP IN CUSTOMER'S BASEMENT	OBSTRUCTION-NOT GREASE / ROOTS	653903	CUSTOMER CLEANED AREA	NONE NEEDED
JEFFERSONTOWN	KY0025194	3007 SPROWL RD	03/08/07 5:54 PM	03/08/07 06:00 PM	5 GAL	Sewer Service Line	JT00987029	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	644144	CUSTOMER CLEANED AREA	WORK ORDER 644151 - ROOT CUT MAIN SEWER
JEFFERSONTOWN	KY0025194	3905 TALLY HO CT	10/19/06 4:23 PM	10/19/06 04:28 PM	10 GAL	Sewer Service Line	JT02080819	ROOTS IN LINE	ROOTS	629031	AREA WASHED DOWN	WO# 599450 REPLACED 5' OF 6" PIPE AND INSTALLED A 2-WAY CLEAN OUT
JEFFERSONTOWN	KY0025194	9801 CHAMBERS C	11/20/06 11:13 AM	11/20/06 11:18 AM	10 GAL	Sewer Service Line	JT02095239	ROOTS IN PROP. SERV. CONN.	ROOTS	631227	AREA WASHED DOWN	ROOT CUT AND REPLACED 6' OF PIPE WITH 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	4120 LEO LN	07/09/06 4:47 PM	07/09/06 04:57 PM	10 GAL	Sewer Service Line	JT02221449	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627276	PROPERTY OWNER CLEANED FIRST FLOOR BATHROOM FACILITY	REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
JEFFERSONTOWN	KY0025194	2120 PLANTSIDE D	03/02/07 1:45 PM	03/02/07 03:00 PM	1 GAL	Sewer Service Line	JT19725019	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	643207	CUSTOMER CLEANED AREA	WORK ORDER 643210 - FLUSHED AND OPEN THE LINE
JEFFERSONTOWN	KY0025194	10216 GRAND AVE	04/14/07 11:20 PM	04/14/07 11:50 PM	1 GAL	Sewer Service Line	JT19827519	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	657803	CUSTOMER CLEANED AREA	WORK ORDER #658474 - ROOT CUT AND GOT LINE OPEN
JEFFERSONTOWN	KY0025194	10545 WATTERSON	06/26/07 10:15 AM	06/26/07 12:30 PM	1 GAL	Sewer Service Line	JT19868019	BLOCKAGE IN MSD PORTION OF THE PROPERTY SERVICE CONNECTION.	OBSTRUCTION-NOT GREASE / ROOTS	681008	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #681167 & #681013 - FLUSHED THE LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
JEFFERSONTOWN	KY0025194	10607 BRACKEN BL	02/08/07 9:00 AM	02/08/07 10:19 AM	1 GAL	Sewer Service Line	MT29312029	ROOTS IN PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	637700	PROPERTY OWNER NOT HOME AT TIME OF INSPECTION	WORK ORDER #637744 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	9500 TITAN DR	09/12/06 12:31 AM	09/12/06 12:36 AM	10 GAL	Sewer Service Line	PD01352019	ROOTS	ROOTS	638685	AREA WASHED DOWN	ROOT CUT, INSTALLED 6.5' OF 6" PVC WITH 2-WAY CLEANOUT. BACKFILLED, SET VAULT/LID.
SILVER HEIGHTS	KY0028801	9720 TITAN DR	06/16/07 10:15 AM	06/16/07 12:30 PM	1 GAL	Sewer Service Line	PD01654029	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	678635	PROPERTY OWNER STATED SHE WOULD CLEAN AREA	WORK ORDER #675821 - MSD FLUSHED THE MAIN SEWER TO OPEN LINE
SILVER HEIGHTS	KY0028801	3703 RIPPLE CREEK	11/08/06 1:59 PM	11/08/06 02:04 PM	10 GAL	Sewer Service Line	PD02206039	ROOTS	ROOTS	630535	AREA WASHED DOWN	EXCAVATED & OPENED PROPERTY SERVICE CONNECTION. ADVISED P/O OF ROOTS ON P/P. INSTALLED 8' OF 6" PVC WITH 6" TY.
SILVER HEIGHTS	KY0028801	10106 BLUE CREEK	06/05/07 12:05 PM	06/05/07 12:50 PM	1 GAL	Sewer Service Line	PD02256019	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	672667	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #673069 - FLUSHED THE LINE; WORK ORDER #672786 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
SILVER HEIGHTS	KY0028801	3606 RIPPLE CREEK	05/29/07 12:35 PM	05/29/07 01:00 PM	1 GAL	Sewer Service Line	PD02466019	ROOTS ON PRIVATE PROPERTY AND MSD	ROOTS	671552	CUSTOMER CLEANED	WORK ORDER #671550 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CHENOWETH HILLS	KY0029459	4401 CHENNY LN	06/12/07 7:30 PM	06/12/07 09:00 PM	5 GAL	Sewer Service Line	BE07980029	MSD FOUND ROOTS IN MSD PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	674106	MSD'S CLEANING CONTRACTOR PROVIDED FULL CLEAN UP	WORK ORDER #674107 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	1017 CRISTLAND R	07/17/06 2:40 PM	07/17/06 02:45 PM	10 GAL	Sewer Service Line	062K01830000A	ROOTS IN PROP. SERV. CONN. AT PROPERTY LINE AND PRIVATE PROPERTY	ROOTS	634848	AREA WASHED DOWN	REPLACED 6' OF 6" OF SERVICE LINE AND INSTALLED CLEANOUT
WEST COUNTY	KY0078956	7522 MERLYN CIR	10/12/06 7:06 PM	10/12/06 07:11 PM	10 GAL	Sewer Service Line	062L02830000A	ROOTS	ROOTS	629161	AREA WASHED DOWN	EXCAVATED/REPLACED 5' OF 6" PIPE/INSTALLED CLEANOUT AT PROPERTY LINE
WEST COUNTY	KY0078956	5516 BRUCE AVE	02/01/07 8:50 PM	02/01/07 09:40 PM	2 GAL	Sewer Service Line	062M02500000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	634928	CUSTOMER CLEANED AREA	WORK ORDER # 634927 - REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	6202 HANSES DR	03/20/07 6:50 PM	03/20/07 07:20 PM	2 GAL	Sewer Service Line	063301200000A	ROOTS AT THE SHARED JOINT AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646661	CUSTOMER CLEANED AREA	WORK ORDER #646660 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	1102 LONE OAK AV	07/09/06 11:47 AM	07/09/06 11:57 AM	10 GAL	Sewer Service Line	075100970000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627274	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	8107 JUDGE BLVD	01/02/07 10:30 AM	01/02/07 11:06 AM	2 GAL	Sewer Service Line	085800510000A	ROOTS IN MSD SIDE OF THE PROPERTY SERVICE CONNECTION	ROOTS	627081	PROPERTY OWNER CLEANED AREA	WORK ORDER #627260 - ROOT CUT 40FT. WORK ORDER #627123 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
WEST COUNTY	KY0078956	6210 MERCURY DR	06/11/07 11:55 PM	06/12/07 01:00 AM	5 GAL	Sewer Service Line	088801100000A	MSD'S PROPERTY SERVICE CONECTION WAS PARTIALLY COLLAPSED	STRUCTURAL FAILURE	673794	PROPERTY OWNER CLEANED AREA	WORK ORDER 673788 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7904 BROOKRIDGE	03/12/07 12:30 PM	03/12/07 12:30 PM	1 GAL	Sewer Service Line	098400410000A	ROOTS AT MSD'S PROPERTY SERVICE CONNECTION AT THE MAIN SEWER AND ON PRIVATE PROPERTY	ROOTS	645203	CUSTOMER CLEANED AREA	WORK ORDER#644945 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #645231 - FLUSH PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	8404 SMITHTON RI	09/12/06 8:05 AM	09/12/06 08:10 AM	10 GAL	Sewer Service Line	099200360000A	ROOTS	ROOTS	638690	PROPERTY OWNER ELECTED TO CLEAN UP OVERFLOW	REPLACED 8' OF 6" AND INSTALLED 2 WAY CLEANOUT. ROOT CUT PROP. SERV. CONN. 25' TWICE FOR CREW.
WEST COUNTY	KY0078956	4808 FAMOUS WAY	08/22/06 10:50 AM	08/22/06 11:00 AM	10 GAL	Sewer Service Line	099200600000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630935	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 3 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
WEST COUNTY	KY0078956	11007 NEPTUNE PL	04/09/07 1:10 PM	04/09/07 01:40 PM	1 GAL	Sewer Service Line	1002611007	ROOTS ON PRIVATE PROPERTY AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655250	CUSTOMER CLEANED AREA	WORK ORDER #655456 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT ALSO ROOT CUT ON PRIVATE PROPERTY TO CLEAR LINE
WEST COUNTY	KY0078956	2214 STOWERS LN	01/14/07 9:15 PM	01/15/07 02:00 AM	20 GAL	Sewer Service Line	100931	ROOTS IN MAIN SEWER	ROOTS	630272	CUSTOMER CLEANED AREA	WORK ORDER #630273 - ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	2216 GARRS LN	07/16/06 2:59 PM	07/16/06 03:10 PM	10 GAL	Sewer Service Line	101403310000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628260	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
WEST COUNTY	KY0078956	1835 SAN JOSE AV	10/03/06 9:00 AM	10/03/06 10:15 AM	5 GAL	Sewer Service Line	102000640000A	ROOT OBSTRUCTION	ROOTS	594167	WORK ORDER NO. 594384, CLEANUP AFTER DISCHARGE	WORK ORDER NO.594163, MSD WILL REPAIR THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	13011 BEESTON BL	01/30/07 5:30 PM	01/30/07 06:00 PM	1 GAL	Sewer Service Line	1026513011	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	634973	CUSTOMER CLEANED AREA	WORK ORDER #634904 - ROOT CUT PROPERTY SERVICE CONNECTION. WORK ORDER #634906 - FLUSH PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	13901 DARWIN BL	01/30/07 5:45 PM	01/30/07 06:40 PM	1 GAL	Sewer Service Line	1026513901	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	634573	CUSTOMER CLEANED BATHROOM	WORK ORDER # 634442 - CUT DOWN OPEN LINE
WEST COUNTY	KY0078956	6210 RICHIEWAYN	09/16/06 12:27 PM	09/16/06 12:32 PM	10 GAL	Sewer Service Line	103026210	ROOTS ON MSD SIDE AND ON P/P	ROOTS	638754	AREA WASHED DOWN	REMOVED ROOTS AT P/L. MSD SIDE IS CLEAR. ADVISED P/O OF ROOTS ON THEIR SIDE THAT THEY WILL NEED TO TAKE CARE OF.
WEST COUNTY	KY0078956	1711 THERESA AV	08/21/06 10:37 AM	08/21/06 10:47 AM	10 GAL	Sewer Service Line	103780	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630357	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN AND BATHROOM FACILITY	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
WEST COUNTY	KY0078956	7713 DINGLE DELL	11/06/06 9:38 AM	11/06/06 09:43 AM	10 GAL	Sewer Service Line	104401430000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630533	AREA WASHED DOWN	REPLACED 7' OF 6" SERVICE LINE AND INSTALLED CLEANOUT
WEST COUNTY	KY0078956	9914 LARLYN DR	05/29/07 11:45 AM	05/29/07 12:05 PM	1 GAL	Sewer Service Line	105005230000A	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	671470	CUSTOMER CLEANED AREA	WORK ORDER 671609 - REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	1901 AUBURN DR	09/08/06 1:00 PM	09/08/06 03:53 PM	0 GAL	Sewer Service Line	108100400000A	ROOT OBSTRUCTION	ROOTS	588665	CLAIM WORK ORDER NO 588666	WORK ORDER NO 588631, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	1909 AUBURN DR	05/18/07 9:15 PM	05/18/07 09:45 PM	1 GAL	Sewer Service Line	108100540000A	ROOTS ALSO ON MSD'S PORTION AND OBSTRUCTION ON PRIVATE PROPERTY	ROOTS	668474	CUSTOMER CLEANED	WORK ORDER #668475 - MSD REPAIRED THEIR PORTION OF PROPERTY SERVICE CONNECTION. MSD ADVISED CUSTOMER TO CONTACT PLUMBER FOR THEIR REPAIRS
WEST COUNTY	KY0078956	3809 OAKLEAF LN	10/28/06 1:50 PM	10/28/06 01:55 PM	0 GAL	Sewer Service Line	111563809	ROOTS	ROOTS	629404	NONE REQUIRED	INSTALLED 7' OF 6" PIPE WITH 2 WAY C/O

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	9612 CHAPEL HILL	03/28/07 1:30 PM	03/29/07 04:00 PM	1 GAL	Sewer Service Line	112139612	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652641	CUSTOMER CLEANED BATHTUB	WORK ORDER - #652633 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	9712 CHAPEL HILL	01/07/07 2:00 PM	01/07/07 03:15 PM	25 GAL	Sewer Service Line	112139712	OBSTUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	628141	CUSTOMER CLEANED AND SANITIZED AREA	WORK ORDER 628142 - ROOT CUT MAIN SEWER 180FT
WEST COUNTY	KY0078956	9907 CHAPEL HILL	04/30/07 6:30 PM	05/01/07 11:04 AM	1 GAL	Sewer Service Line	112139907	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663656	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #663900 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #664105 ROOT CUT PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	4700 JOHN LAW CT	07/11/06 4:30 PM	07/11/06 04:40 PM	10 GAL	Sewer Service Line	116564700	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627407	PROPERTY OWNER CLEANED BATHROOM FACILITY	WO# 570770 REPLACED 8 FEET OF SEWER MAIN, ROOT CUT PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	9809 GANDY RD	02/14/07 11:30 AM	02/14/07 12:30 PM	1 GAL	Sewer Service Line	118700360000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638627	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #638740 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5109 KENDALL RD	02/02/07 11:20 PM	02/03/07 12:01 AM	1 GAL	Sewer Service Line	123555109	GREASE BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	635402	NO ONE AT HOME.DID NOT SEE DISCHARGE.	WORK ORDER #635408 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5307 WITTEN DR	01/26/07 12:25 PM	01/26/07 01:00 PM	2 GAL	Sewer Service Line	123695307	HEAVY ROOTS IN PROPERTY SERVICE CONNECTION ON MSD	ROOTS	634044	CUSTOMER CLEANED AREA	TVLIS WORKORDER #634004 AND WORK ORDER #634030 TO REPAIR PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	9013 MAHONEY DR	06/06/07 10:45 PM	06/06/07 11:15 PM	1 GAL	Sewer Service Line	123699013A	PROPERTY SERVICE CONNECTION WAS BROKE DOWN AT THE SHARED CONNECTION AND ROOTS WERE AT THE HOOKUP AT THE MAIN SEWER	STRUCTURAL FAILURE	672935	CUSTOMER CLEANED	WORK ORDER #672934 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	2401 GARRS LN	12/01/06 7:00 AM	12/01/06 08:34 AM	15 GAL	Sewer Service Line	124000900000A	ROOTS IN MAIN SEWER.	ROOTS	615067	MSD CLEANED AND SANITIZED THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #615055 - MSD ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	4308 RAVEN RIDGE	01/19/07 2:00 PM	01/19/07 03:00 PM	1 GAL	Sewer Service Line	124294308	CLEANOUT DAMAGED	STRUCTURAL FAILURE	631806	PROPERTY OWNER CLEANED AREA	WORK ORDER #631803 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	3101 ALTUS DR	09/11/06 12:01 AM	09/11/06 12:06 AM	10 GAL	Sewer Service Line	124300480075A	CLEANOUT WAS CUT AND COLLAPSED INTO PROP. SERV. CONN.	STRUCTURAL FAILURE	638145	NO CLEANUP DONE	REPLACED CLEANOUT AND FLUSHED LINE
WEST COUNTY	KY0078956	3101 ALTUS DR	10/28/06 7:30 PM	10/28/06 08:30 PM	5 GAL	Sewer Service Line	124300480075A	SEWER LINE IS FLAT	STRUCTURAL FAILURE	602426	PURVIS CLEANING SERVICE	MSD REPLACED 15' OF 8" PIPE
WEST COUNTY	KY0078956	2909 ROCKFORD L	01/17/07 10:45 PM	01/17/07 11:25 PM	5 GAL	Sewer Service Line	124372909	PROPERTY SERVICE CONNECTION HAS DEFECT AT THE BAND	STRUCTURAL FAILURE	631173	CUSTOMER CLEANED AREA	WORK ORDER 631174 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7716 BURR LN	08/16/06 12:31 PM	08/16/06 12:41 PM	10 GAL	Sewer Service Line	12438	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629992	PROPERTY OWNER CLEANED AREA AROUND SUMP PUMP	WO# 579656 REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION AND INSTALLED TWO WAY CLEANOUT
WEST COUNTY	KY0078956	2507 ADRIENNE W	09/30/06 1:57 PM	09/30/06 02:02 PM	10 GAL	Sewer Service Line	124392507B	GRAVEL IN PROP. SERV. CONN. AND MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	638376	AREA WASHED DOWN	FLUSHED LINES AND REPLACED 8" OF SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	4937 DETERMINE L	05/21/07 1:25 AM	05/21/07 01:55 AM	2 GAL	Sewer Service Line	124394937	FOUND ROOTS AT THE SHARED JOINT	ROOTS	668573	CUSTOMER HAD CLEANED AREA	WORK ORDER #668572 MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5509 AZALEA LN	05/19/07 10:49 AM	05/19/07 10:54 AM	1 GAL	Sewer Service Line	124445509	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	668485	CUSTOMER CLEANED AREA	WORK ORDER 668483 - FLUSHED LINE AND OPENED LINE
WEST COUNTY	KY0078956	6411 SKY BLUE AV	12/17/06 3:45 PM	12/17/06 03:50 PM	10 GAL	Sewer Service Line	124446411	SWAG IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	632088	CUSTOMER CLEANED AREA	WORK ORDER# 620374 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	4338 CHARLOTTE	02/11/07 9:36 PM	02/11/07 09:50 PM	5 GAL	Sewer Service Line	124754338A	MSD'S PROPERTY SERVICE CONNECTION IS LAYING FLAT	STRUCTURAL FAILURE	638118	CUSTOMER CLEANED AREA	WORK ORDER #638146 - FLUSHED MSD'S LINE; WORK ORDER #638147 - FLUSHED CUSTOMER'S LINE (COURTESY); WORK ORDER #638152 - RAISED THE PROPERTY SERVICE CON

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	6704 FALLING STA	03/05/07 5:10 PM	03/05/07 05:40 PM	5 GAL	Sewer Service Line	124916704	GREASE IN MSD'S PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	643523	CUSTOMER CLEANED AREA	WORK ORDER #643505 - RODDED LINE AND GOT OPEN
WEST COUNTY	KY0078956	13212 ASHLAWN D	11/15/06 5:52 PM	11/15/06 05:57 PM	10 GAL	Sewer Service Line	12505234	STONE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	631537	AREA WASHED DOWN	FLUSHED OUT STONE/REPLACED 5' OF 4" PIPE/INSTALLED CLEANOUT SLIGHTLY BEHIND P/L
WEST COUNTY	KY0078956	8310 PANDOREA D	08/21/06 12:51 PM	08/21/06 01:01 PM	10 GAL	Sewer Service Line	125168310D	BLOCKAGE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	630518	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND BATHROOM FACILITY	FLUSHED AND REMOVED BLOCKAGE
WEST COUNTY	KY0078956	3409 BURRELL DR	08/03/06 3:06 PM	08/03/06 03:11 PM	3 GAL	Sewer Service Line	12521	ROOTS ON MSD AND P/P	ROOTS	635699	AREA WASHED DOWN	EXCAVATED/ROOT CUT BOTH WAYS,GOT LINE OPEN.BACKFILLED, ADDED VAULT/LID.ADVISED P/O OF HER ROOT SITUATION.
WEST COUNTY	KY0078956	3409 BURRELL DR	08/03/06 4:49 PM	08/03/06 05:02 PM	3 GAL	Sewer Service Line	12521	ROOTS IN MAIN SEWER AND ON PRIVATE PROPERTY.	ROOTS	577391	MSD CONTRCATED WITH PURVIS CLEANING SERVICE TO CLEAN THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER #577499 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	6705 CINDY DR	03/16/07 7:20 PM	03/16/07 07:30 PM	1 GAL	Sewer Service Line	125416705	MSD'S PROPERTY SERVICE CONNECTION IS BROKE	STRUCTURAL FAILURE	646250	PROPERTY OWNER CLEANED AREA	WORK ORDER 646177 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8710 GARY WAY	03/10/07 7:38 PM	03/10/07 08:10 PM	1 GAL	Sewer Service Line	128001510000A	ROOTS IN MAIN SEWER	ROOTS	645308	CUSTOMER CLEANED AREA	MSD ROOT CUT THE MAIN SEWER WORK ORDER#644726
WEST COUNTY	KY0078956	1860 LYNN LEA RD	12/26/06 10:52 AM	12/26/06 03:20 PM	5 GAL	Sewer Service Line	133798	ROOTS IN MAIN SEWER	ROOTS	625801	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #625758 - MSD ROOT CUT THE SEWER LINE TO GET OPEN
WEST COUNTY	KY0078956	614 SINCLAIR ST	11/02/06 6:25 PM	11/02/06 06:30 PM	10 GAL	Sewer Service Line	133903750000A	ROOTS IN PROP. SERV. CONN.	ROOTS	629735	AREA WASHED UP	ROOT CUT AND REPLACED 7' OF 6" PVC WITH 2-WAY CLEANOUT
WEST COUNTY	KY0078956	3413 CLARINET DR	03/19/07 2:25 PM	03/19/07 02:50 PM	2 GAL	Sewer Service Line	136823413B	DEFECT IN THE PROPERTY SERVICE LINE	STRUCTURAL FAILURE	646467	CUSTOMER CLEANED THE AREA	WORK ORDER 646466 - REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	4919 RONWOOD DR	11/30/06 7:46 AM	11/30/06 07:51 AM	10 GAL	Sewer Service Line	137340	ROOTS IN PROP SERV CONN	ROOTS	631513	AREA WASHED DOWN	WO# 614913 ROOT CUT LINE, REPLACED 7' OF 6" PIPE AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5305 RONWOOD DR	10/07/06 6:30 PM	10/07/06 06:35 PM	10 GAL	Sewer Service Line	137372	ROOTS IN PROP. SERV. CONN.	ROOTS	629307	AREA WASHED DOWN	REPLACED 8' OF 6" PVC AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5216 FAMOUS WAY	12/01/06 10:12 AM	12/01/06 01:03 PM	1 GAL	Sewer Service Line	137903	ROOTS AT SHARED JOINT	ROOTS	621511	PROPERTY OWNER CLEANED AREA	WORK ORDER #616036 - MSD ROOT CUT THE MAIN SEWER. WORK ORDER #615128 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED AN MSD CLEANOUT.
WEST COUNTY	KY0078956	4601 COMMERCE C	10/31/06 12:30 PM	10/31/06 12:35 PM	10 GAL	Sewer Service Line	139184601	OBSTRUCTION IN PROP. SERV. CONN.	OBSTRUCTION-NOT GREASE / ROOTS	629413	AREA WASHED DOWN	REPAIRED SERVICE LINE WO#603305
WEST COUNTY	KY0078956	9507 NATIONAL TR	01/02/07 8:53 AM	01/02/07 12:33 PM	1 GAL	Sewer Service Line	143737	BLOCKAGE AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	634531	PROPERTY OWNER CLEANED AREA	WORK ORDER #627096 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
WEST COUNTY	KY0078956	4517 SHELVIS DR	12/30/06 3:42 PM	12/30/06 07:15 PM	3 GAL	Sewer Service Line	1457150	GREASE AND HEAVY DEBRIS IN MAIN SEWER	GREASE BLOCKAGE	626978	CUSTOMER HAD ALREADY CLEANED THE AREA	MSD REMOVED GREASE AND DEBRIS FROM SEWER LINE AT THE SHARED CONNECTION WORK ORDER#626973
WEST COUNTY	KY0078956	3424 SOUTHMEAD	11/21/06 1:48 PM	11/21/06 01:53 PM	10 GAL	Sewer Service Line	1462022	BLOCKAGE IN PROP. SERV. CONN. DUE TO WATER PIPE GOING THROUGH SERVICE LINE	OBSTRUCTION-NOT GREASE / ROOTS	631292	AREA WASHED DOWN	FLUSHED AND REPAIRED SERVICE LINE
WEST COUNTY	KY0078956	10102 STONESTRE	11/13/06 1:20 PM	11/13/06 01:25 PM	10 GAL	Sewer Service Line	146246	UNSPECIFIED BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	631450	AREA WASHED DOWN	CLEARED BLOCKAGE NEAR M/S. INSTALLED CLEANOUT & APPROX. 10' OF 6" PVC. BACKFILLED TRENCH.
WEST COUNTY	KY0078956	4804 HANEY WAY	12/11/06 12:48 PM	12/11/06 03:24 PM	3 GAL	Sewer Service Line	147353	THE ROOTS WERE IN THE BAND OF THE UPSTREAM SIDE OF THE CLEANOUT TEE. SHARED RESPONSIBILITY.	ROOTS	619158	PROPERTY OWNERS NOT HOME AT TIME OF INSPECTION. PROPERTY OWNER STATES SEWAGE IN BASEMENT	WORK ORDER #168920 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED AN CLEANOUT.

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OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	7728 DOMINIQUE I	02/10/07 7:45 PM	02/10/07 08:30 PM	1 GAL	Sewer Service Line	154674	FOUND ROOTS GROWING IN ON MSD SIDE OF PROPERTY SERVICE CONNECTION	ROOTS	638093	CUSTOMER CLEANED THE AREA	WORK ORDER #638092 - REPAIRED PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	6703 GRANDFIELD	02/04/07 12:10 PM	02/04/07 01:35 PM	15 GAL	Sewer Service Line	162341	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	635436	CUSTOMER CLEANED AREA	WORK ORDER #635435 - RODDED AND OPEN THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	8210 DELIDO RD	11/16/06 3:44 PM	11/16/06 03:49 PM	10 GAL	Sewer Service Line	167100	ROOTS IN PROP. SERV. CONN.	ROOTS	631076	NO CLEANUP NEEDED	REMOVED ROOTS AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8702 MICHAEL RA	10/23/06 9:00 AM	10/23/06 11:31 AM	5 GAL	Sewer Service Line	167358	ROOTS ON MSD	ROOTS	620057	RAGLAND CALLED FOR CLEAN UP	PSCR WO#599372
WEST COUNTY	KY0078956	8627 MICHAEL RA	05/03/07 8:30 PM	05/03/07 09:40 PM	5 GAL	Sewer Service Line	167360	ROOTS IN MAIN SEWER	ROOTS	664553	CUSTOMER WILL CLEAN	ROOT-CUT MAIN SEWER TO RELIEVE WATER WORK ORDER #664548 UNDER SERVICE REQUEST 3237432
WEST COUNTY	KY0078956	8623 MICHAEL RA	05/03/07 8:30 PM	05/03/07 09:40 PM	75 GAL	Sewer Service Line	167362	ROOTS IN MAIN SEWER	ROOTS	664547	MSD'S CLEANING CONTRACTOR CLEANED AREA	ROOT-CUT TO OPEN MAIN SEWER - WORK ORDERS #664548 & #664604
WEST COUNTY	KY0078956	6102 BOCA CHICA	05/19/07 10:15 PM	05/19/07 10:45 PM	25 GAL	Sewer Service Line	169062	ROOTS IN MSD CLEANOUT	ROOTS	668524	CUSTOMER CLEANED	WORK ORDER #668529 - ROOT CUT LINE AND GOT OPEN
WEST COUNTY	KY0078956	2023 NOCTURNE D	07/31/06 9:03 PM	07/31/06 09:08 PM	10 GAL	Sewer Service Line	170143	HEAVY TOWELS THROUGH OUT PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	637887	CUSTOMER CLEANED AREA	REMOVED TOWELS, REPLACED 5' OF 6" PROPERTY SERVICE CONNECTION, INSTALLED C/O
WEST COUNTY	KY0078956	8517 COCO CT	06/26/07 10:50 AM	06/26/07 11:25 AM	1 GAL	Sewer Service Line	171357	ROOTS IN MSD PROPERTY SERVICE CONNECTION	ROOTS	680959	MSD'S CLEANING CONTRACTOR PROVIDED A COURTESY CLEAN	WORK ORDERS #681347 & #681103 - MSD ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6016 CROSSBEAK	03/13/07 7:15 PM	03/13/07 07:30 PM	2 GAL	Sewer Service Line	174491	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND IN THE MAIN SEWER	ROOTS	645349	CUSTOMER CLEANED AREA	WORK ORDER #645463 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #645824 - ROOT CUT THE PROPERTY SERVICE CONNECTI
WEST COUNTY	KY0078956	8615 LAKERIDGE I	01/12/07 12:43 PM	01/12/07 02:40 PM	1 GAL	Sewer Service Line	174807	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	633729	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #630121 - INSTALLED 2 - 45 DEGREE FITTINGS, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	4702 FRANCELL CT	07/07/06 5:43 PM	07/07/06 05:55 PM	10 GAL	Sewer Service Line	177258	ROOTS AND GREASE IN PROPERTY SERVICE CONNECTION	ROOTS	627246	PROPERTY OWNER CLEANED FIRST FLOOR BATHROOM FACILITY, CLAIM SETTLED FOR \$100.00.	REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	7207 HOLLOW CRE	09/21/06 7:05 PM	09/21/06 07:10 PM	10 GAL	Sewer Service Line	177338	STONE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	638230	AREA WASHED DOWN	WO# 590263 REPLACED 8' OF 6" PIPE WITH 2-WAY CLEAN OUT
WEST COUNTY	KY0078956	7205 HOLLOW CRE	07/18/06 10:39 PM	07/18/06 10:49 PM	10 GAL	Sewer Service Line	177339	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628359	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	4916 ROSSMOOR D	03/21/07 2:45 PM	03/21/07 03:25 PM	1 GAL	Sewer Service Line	178124	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646910	CUSTOMER CLEANED AREA	WORK ORDER #646954 - INSTALLED A TEE-WEE AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8023 BRIARCLIFF F	01/02/07 9:00 AM	01/02/07 10:02 AM	1 GAL	Sewer Service Line	178555	ROOTS AT SHARED JOINT	ROOTS	627051	PROPERTY OWNER NOT HOME AT TIME OF INSPECTION	WORK ORDER #627506 - ROOT CUT TO MAIN. WORK ORDER #627046 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5406 CAROL WAY	12/29/06 12:10 PM	12/29/06 01:05 PM	10 GAL	Sewer Service Line	17865	HEAVY ROOTS ON MSD & PRIVATE PROPERTY AT THE TAP	ROOTS	626577	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER#626938- INSTALLED AN 2-WAY CLEANOUT
WEST COUNTY	KY0078956	3401 PINELAND DR	04/25/07 7:00 PM	04/25/07 07:20 PM	5 GAL	Sewer Service Line	178709	BACK WASH FROM SEWER FLUSHING	OBSTRUCTION-NOT GREASE / ROOTS	661316	CUSTOMER CLEANED AREA	WORK ORDER 514011 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	4505 FLUSHING W.	12/13/06 9:04 AM	12/13/06 10:33 AM	0 GAL	Sewer Service Line	179258	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	619526	PROPERTY OWNER NOT AT HOME AT TIME OF INSPECTION.	WO# 619709 ROOT CUT

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	4506 COD DR	09/08/06 4:22 PM	09/09/06 05:20 PM	0 GAL	Sewer Service Line	179269	ROOT OBSTRUCTION	ROOTS	588675	CLEANUP NOT FEASIBLE	WORK ORDER NO. 588196, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	4501 COD DR	10/29/06 12:33 PM	10/29/06 12:38 PM	5 GAL	Sewer Service Line	179274	ROOTS	ROOTS	629430	CLEANED UP AREA	REPLACED 6' OF 6" PIPE, INSTALLED C/O @ P/L
WEST COUNTY	KY0078956	6904 MARIEMONT	03/13/07 1:05 PM	03/13/07 01:45 PM	15 GAL	Sewer Service Line	180116	ROOT IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	645261	CUSTOMER CLEANED AREA	WORK ORDER#645273 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8 THURMAN CT	05/09/07 9:45 AM	05/09/07 10:45 AM	1 GAL	Sewer Service Line	181060	ROOTS ON MSD PORTION OF LINE	ROOTS	666278	CUSTOMER ALREADY CLEANED AREA	WORK ORDER # 666273 - MSD REPLACED A SHORT SECTION OF THE PIPE AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	4100 SEA WAVE CT	07/27/06 7:00 PM	07/27/06 07:20 PM	2 GAL	Sewer Service Line	182698	ROOTS IN MAIN SEWER AND PROPERTY SERVICE CONNECTION.	ROOTS	573311	WORK ORDER #573272 - CLEANING VENDOR CONTRACTED TO CLEAN THE BASEMENT.	WORK ORDER #573645 - MSD ROOT CUT 90 FT AND WORK ORDER #573352 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	8711 LONGBOROU	07/26/06 9:20 AM	07/26/06 09:25 AM	10 GAL	Sewer Service Line	192401830000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	635392	PROPERTY OWNER ELECTED TO CLEAN AREA	ROOT CUT, REPLACED PIPE WITH 2-WAY C/O
WEST COUNTY	KY0078956	5823 MEDTREE PL	10/02/06 12:59 PM	10/02/06 01:04 PM	10 GAL	Sewer Service Line	206603940000A	ROOTS IN PROP. SERV. CONN.	ROOTS	628593	AREA WASHED DOWN	ROOT CUT AND REPAIRED SERVICE LINE
WEST COUNTY	KY0078956	4903 GRANADA DR	04/19/07 5:25 PM	04/19/07 06:00 PM	1 GAL	Sewer Service Line	32726	ROOTS IN MAIN SEWER AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	658740	CUSTOMER CLEANED AREA	WORK ORDER#658739 - REPAIRED SECTION OF MAIN SEWER AND INSTALLED A TAP AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	1715 CHESTER RD	06/11/07 12:40 PM	06/11/07 02:00 PM	1 GAL	Sewer Service Line	43842	MAIN SEWER OBSTRUCTED WITH ROOTS	ROOTS	673780	CUSTOMER ALREADY CLEANED AREA	WORK ORDER # 673749 - MSD ROOT CUT THE MAIN SEWER 150 FEET
WEST COUNTY	KY0078956	2322 EMBASSY LN	11/06/06 8:45 AM	11/06/06 12:20 PM	10 GAL	Sewer Service Line	44584	ROOTS ON P/P & MSD	ROOTS	618207	PROPERTY OWNER HAS CLEANED THE AREA	MSD MADE REPAIR TO THE SEWER LINE ROOT CUT BACK ON P/P TO GET LINE OPEN
WEST COUNTY	KY0078956	2529 JENLEE LN	11/09/06 4:18 PM	11/09/06 04:23 PM	10 GAL	Sewer Service Line	51398	ROOTS	ROOTS	631224	AREA WASHED DOWN	REPLACED 9' OF 6" AND ADDED CLEANOUT
WEST COUNTY	KY0078956	9102 TALITHA DR	09/28/06 10:10 AM	09/28/06 10:20 AM	10 GAL	Sewer Service Line	607568	ROOTS IN PROPERTY SERVICE CONNECTION.	ROOTS	603693	WORK ORDER #592836 - MSD CONTRACTED WITH CLEANUP CREW TO CLEAN AND SANITIZE THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #593284 - MSD REPLACED 6' OF PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	9205 MARSE HENR	07/04/06 8:03 AM	07/04/06 08:10 AM	10 GAL	Sewer Service Line	607795	ROOTS IN PROPERTY SERVICE CONNECTION.	ROOTS	603689	WORK ORDER #569532 - MSD CONTRACTED WITH CLEANUP CREW TO CLEAN AND SANITIZE THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #569524 - MSD REPLACED 6' OF PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	1855 LYNN LEA RD	10/27/06 11:09 PM	10/27/06 11:14 PM	5 GAL	Sewer Service Line	63547	PUMP OVERLOADED	LACK OF SYSTEM CAPACITY	629220	AREA CLEANED UP	OPERATIONS WERE MADE AWARE
WEST COUNTY	KY0078956	8808 LOCH LEA LN	02/26/07 12:15 PM	02/26/07 01:00 PM	1 GAL	Sewer Service Line	740414	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642077	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #641977 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	3408 PARK ROW DR	02/15/07 10:30 AM	02/15/07 12:45 PM	5 GAL	Sewer Service Line	82584	MAIN SEWER CLOGGED WITH HEAVY TISSUE PRODUCT IN CHANNEL	OBSTRUCTION-NOT GREASE / ROOTS	638796	CUSTOMER CLEANED AREA UPON ARRIVAL	WORK ORDER #638678 - REMOVED BLOCKAGE OF HEAVY TISSUE PAPER BY USING A CLAW TOOL.
WEST COUNTY	KY0078956	3408 PARK ROW DR	06/22/07 4:50 PM	06/22/07 05:30 PM	1 GAL	Sewer Service Line	82584	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	680573	CUSTOMER CLEANED	REPAIR WORK ORDER #680596 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	1740 MEYERS LN	07/24/06 5:35 AM	07/24/06 05:40 AM	10 GAL	Sewer Service Line	90821740	GREASE IN PROP. SERV. CONN.	GREASE BLOCKAGE	635544	AREA WASHED DOWN	FLUSHED PROP. SERV. CONN.
WEST COUNTY	KY0078956	5008 LESABRE DR	03/09/07 10:20 PM	03/09/07 11:35 PM	2 GAL	Sewer Service Line	90825008A	GREASE IN PROPERTY SERVICE CONNECTION ON MSD AND ON PRIVATE PROPERTY	GREASE BLOCKAGE	644680	CUSTOMER CLEANED AREA	WORK ORDER #644679 - FLUSHED LINE TO REMOVE GREASE;

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WEST COUNTY	KY0078956	8700 CLAIRE DEE I	11/15/06 8:29 PM	11/15/06 08:34 PM	10 GAL	Sewer Service Line	AU09774079	ROOTS AND DEAD CAT IN LINE	ROOTS	631541	AREA WASHED DOWN	EXCAVATED,ROOT CUT,RODDED LINE & PULLED OUT A DEAD CAT.INSTALLED 5' OF 6" PVC & A 2 WAY C/O & VAULT/LID
WEST COUNTY	KY0078956	8720 GARY WAY	11/15/06 7:15 PM	11/15/06 07:22 PM	10 GAL	Sewer Service Line	AU10647029	ROOTS IN THIS LINE	ROOTS	608763	CLEANING CREW WAS CALLED TO CLEAN THE BATHROOM - RAGLAND	ROOT CUT TO PREPARE FOR SLIP LINING
WEST COUNTY	KY0078956	102 GLISSADE DR	02/17/07 6:20 PM	02/17/07 06:45 PM	5 GAL	Sewer Service Line	AU11280029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	639085	CUSTOMER CLEANED AREA	WORK ORDER #639085 - ROOT CUT, REPAIRED PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	9818 CALLIE DR	05/09/07 12:35 PM	05/09/07 01:05 PM	1 GAL	Sewer Service Line	AU14580049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	666305	CUSTOMER HAS ALREADY CLEANED AREA	WORK ORDER #666461 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDERS #666469 & #66648 - ROOT CUT
WEST COUNTY	KY0078956	8510 MINOR LN	03/01/07 11:30 AM	03/01/07 01:45 PM	1,000 GAL	Sewer Service Line	AU15843019	OBSTRUCTION IN MAIN SEWER AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE / ROOTS	642848	THEY WILL CONTACT MAINTAINENCE PERSONNEL TO CLEAR LINE AND CLEAN FACILITIES	WORK ORDER 642846 - ROOT CUT THE MAIN SEWER AND ADVISED CUSTOMER TO CONTACT A PLUMBER
WEST COUNTY	KY0078956	8415 MICHAEL ED	06/25/07 10:00 AM	06/25/07 11:07 AM	1 GAL	Sewer Service Line	BE08911269	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	680750	PROPERTY OWNER CLEANED THE AREA.	WORK ORDERS #680965 AND #680761 - MSD ROOT CUT, REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8603 MICHAEL ED	03/22/07 10:00 PM	03/22/07 10:32 PM	1 GAL	Sewer Service Line	BE08955069	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	647155	CUSTOMER CLEANED UP AREA	WORK ORDER # 647188 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #647479 - ROOT CUT LINE
WEST COUNTY	KY0078956	5200 ROMAN DR	01/29/07 2:00 PM	01/29/07 02:30 PM	1 GAL	Sewer Service Line	BE08973019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	634295	PROPERTY OWNER CLEANED AREA	WORK ORDER #634213 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7208 RIDGE CREEK	11/10/06 3:39 PM	11/10/06 03:44 PM	10 GAL	Sewer Service Line	BW02862029	ROOTS	ROOTS	631288	AREA WASHED DOWN	CLEARED ROOTS IN MAIN NEAR TAP.INSTALLED CLEANOUT AND STACK.SEE WO#607824
WEST COUNTY	KY0078956	8209 SPRINT CT	11/06/06 1:50 PM	11/06/06 01:55 PM	10 GAL	Sewer Service Line	BW04078029	ROOTS IN MAIN SEWER	ROOTS	634344	AREA WASHED DOWN	WO# 604958 ROOT CUT 410' OF 8" MAIN
WEST COUNTY	KY0078956	6211 MERCURY DR	11/01/06 4:09 PM	11/01/06 04:14 PM	10 GAL	Sewer Service Line	BW04192079	ROOTS IN PROP. SERV. CONN.	ROOTS	629506	AREA WASHED DOWN	ROOT CUT AND INSTALLED NEW CLEANOUT
WEST COUNTY	KY0078956	8014 EDSEL LN	09/14/06 10:35 AM	09/14/06 10:40 AM	10 GAL	Sewer Service Line	BW04239049	ROOTS	ROOTS	638708	PROPERTY OWNER ELECTED TO CLEAN UP OVERFLOW	ROOT CUT, REPLACED 6' OF 6" PIPE AND INSTALLED CLEANOUT.
WEST COUNTY	KY0078956	6805 COVE CT	12/01/06 5:29 AM	12/03/06 01:36 PM	1 GAL	Sewer Service Line	BW04531049	ROOTS IN MSD'S PROPERTY SERVICE CONNECATION AND ON PRIVATE PROPERTY.	ROOTS	619342	PROPERTY OWNER CLEANED AREA	WORK ORDER #615273- REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT.
WEST COUNTY	KY0078956	6801 COVE CT	02/09/07 9:30 PM	02/09/07 09:45 PM	1 GAL	Sewer Service Line	BW04533049	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638058	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #638151 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #638063 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	6909 BELLCREST C	11/01/06 2:35 PM	11/01/06 02:40 PM	10 GAL	Sewer Service Line	BW04548019	ROOTS IN PROP. SERV. CONN.	ROOTS	629505	AREA WASHED DOWN	ROOT CUT AND REPLACED 9' OF 6" SERVICE LINE AND CLEANOUT
WEST COUNTY	KY0078956	8009 TROUTWOOD	03/19/07 1:05 PM	03/19/07 01:40 PM	2 GAL	Sewer Service Line	BW06504079	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646463	NO CLEAN UP NEEDED	WORK ORDER #646577 - ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #646462 - REPAIR PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	9111 ANNLOU DR	01/16/07 12:05 AM	01/16/07 12:25 AM	5 GAL	Sewer Service Line	DC50748029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	630388	CUSTOMER CLEANED AREA	WORK ORDER #630388 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	11008 GRAFTON H	10/20/06 12:45 PM	10/20/06 01:30 PM	1 GAL	Sewer Service Line	DD39857019	ROOTS IN MAIN SEWER.	ROOTS	598165	WORK ORDER 598147 - MSD CLEANED THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER 599178 - MSD REPLACED 5 FT OF 6" PROPERTY SERVICE CONNECTION & INSTALLED A NEW CLEANOUT.
WEST COUNTY	KY0078956	11117 STALWERT F	02/12/07 10:55 AM	02/12/07 11:35 AM	1 GAL	Sewer Service Line	DD40011019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ROOTS ON PRIVATE PROPERTY	ROOTS	638179	CLEANED BY CUSTOMER.	WORK ORDER #638769 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #638770 - FLUSHED PROPERTY SERVICE CONNECTION

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WEST COUNTY	KY0078956	4409 HANEY WAY	12/20/06 5:10 PM	12/20/06 05:35 PM	3 GAL	Sewer Service Line	DD40023029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	621202	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #621739 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	11008 NEPTUNE PL	04/11/07 2:10 PM	04/11/07 02:49 PM	5 GAL	Sewer Service Line	DD40028019	ROOTS ON PRIVATE PROPERTY AND ON MSD	ROOTS	655604	MSD' CLEANING CONTRACTOR CLEANED AREA ONLY	WORK ORDER #655627 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT FOR MSD'S SIDE AND INFORMED CUSTOMER TO CONTACT PLUMBER
WEST COUNTY	KY0078956	4605 MYRICK PL	11/13/06 10:50 AM	11/13/06 10:55 AM	10 GAL	Sewer Service Line	DD40048019	ROOTS	ROOTS	631411	AREA WASHED DOWN	REPLACED 10' OF 6" PIPE & INSTALLED CLEANOUT AT P/L
WEST COUNTY	KY0078956	4709 MARCY AVE	12/15/06 12:30 AM	12/15/06 12:47 AM	15 GAL	Sewer Service Line	DD40335019	ROOTS ON MSD & PRIVATE PROPERTY ON THE PROPERTY SERVICE CONNECTION	ROOTS	619990	MSD'S CONTRACTOR CLEAN AREA ONLY	WORK ORDER #620054 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT. WORK ORDER #620302 - ROOT CUT TOWARDS THE MAIN SEWER.
WEST COUNTY	KY0078956	10709 DESHANE PL	04/10/07 3:40 PM	04/10/07 05:40 PM	80 GAL	Sewer Service Line	DD40654019	MAIN SEWER STOPPED UP	OBSTRUCTION-NOT GREASE / ROOTS	655450	CUSTOMER CLEANED AREA	WORK ORDER 655449 - ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	10703 DESHANE PL	04/10/07 4:15 PM	04/10/07 05:40 PM	4 GAL	Sewer Service Line	DD40657019	MAIN SEWER STOPPED UP	ROOTS	655465	CUSTOMER STATES HE WILL CLEAN AREA HIMSELF.	WORK ORDER #655464 - ROOT CUT MAIN SEWER AND RELIEVED BLOCKAGE
WEST COUNTY	KY0078956	4504 HANEY WAY	12/23/06 2:15 PM	12/23/06 03:36 PM	1 GAL	Sewer Service Line	DD40717019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	624937	PER PROPERTY OWNER NO DAMAGES OR CLEAN-UP NEEDED	WORK ORDER #624911 - ROOT CUT 25 FEET. WORK ORDER #624959 - REPAIRED PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	3818 CRESTRIDGE	09/01/06 12:00 AM	09/01/06 06:07 PM	1 GAL	Sewer Service Line	DD41389019	MAIN SEWER PACKED WITH STONE	ROOTS	588230	UPON ARRIVAL AREA WAS SANITIZED & CLEANED BY THE PROPERTY OWNER	REPAIRS MAIN TO THE MAIN SEWER
WEST COUNTY	KY0078956	3608 WHITEHALL C	12/11/06 3:50 PM	12/11/06 04:30 PM	10 GAL	Sewer Service Line	DD41468019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	618945	MSD'S CONTRACTOR CLEANED AND SANITIZED AREA OF OVERFLOW	WORK ORDER #618944 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
WEST COUNTY	KY0078956	3603 WHITEHALL C	05/03/07 1:50 PM	05/03/07 02:45 PM	50 GAL	Sewer Service Line	DD41474019	OBSTRUCTIONS, ROCKS, AND ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	664538	MSD'S CLEANING CONTRACTOR CLEANED UP ONLY	WORK ORDER #664751 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7213 BETSY ROSS I	08/30/06 7:15 AM	08/30/06 07:25 AM	10 GAL	Sewer Service Line	DD70748039	OFFSET JOINT	STRUCTURAL FAILURE	632224	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	REPAIRED OFFSET JOINT
WEST COUNTY	KY0078956	7413 RAINBOW DR	01/18/07 3:30 PM	01/18/07 04:30 PM	1 GAL	Sewer Service Line	DD70836019	ROOTS IN MAIN SEWER & PROPERTY OWNER'S PROPERTY SERVICE CONNECTION	ROOTS	631381	PROPERTY OWNER CLEANED AREA	WORK ORDER #632130 - ROOT CUT MAIN SEWER 430 FT. WORK ORDER #632131 - ROOT CUT PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	7202 WATSON LN	12/13/06 2:30 PM	12/13/06 02:35 PM	10 GAL	Sewer Service Line	DD70868019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND IN THE MAIN SEWER	ROOTS	631984	CUSTOMER CLEANED AREA	WORK ORDER #619637 ROOT CUT LINE; WORK ORDER# 619650 - REPAIRED PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	13615 KINROSS BL	05/16/07 2:00 PM	05/16/07 05:30 PM	1 GAL	Sewer Service Line	DD70914019	ROOTS AT THE TAP	ROOTS	667529	CUSTOMER HAS ALREADY CLEANED AREA	WORK ORDER #667585 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	13404 HINCHBROO	06/01/07 2:30 PM	06/01/07 02:45 PM	1 GAL	Sewer Service Line	DD71213019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672298	CUSTOMER CLEANED AREA	WORK ORDER #672333 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7123 ETHAN ALLE	10/24/06 6:37 PM	10/24/06 06:42 PM	10 GAL	Sewer Service Line	DD71404019	ROOTS IN LINE	ROOTS	629269	AREA WASHED DOWN	WO# 599928 ROOT CUT LINE, INSTALLED CLEAN OUT AND 4' OF PIPE
WEST COUNTY	KY0078956	7305 ETHAN ALLE	12/13/06 11:50 AM	12/13/06 11:55 AM	10 GAL	Sewer Service Line	DD71412029	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631981	CUSTOMER CLEANED AREA	WORK ORDER# 620035 REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEAN OUT
WEST COUNTY	KY0078956	13309 GIRVAN AVE	03/26/07 11:50 AM	03/26/07 12:20 PM	1 GAL	Sewer Service Line	DD71531019	ROOTS AT THE PROPERTY LINE	ROOTS	647667	CLEANED BY CUSTOMER.	WORK ORDER #652336 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	7513 WIMSTOCK A	01/20/07 4:00 PM	01/20/07 05:00 PM	1 GAL	Sewer Service Line	DD71549019	ROOTS ON PRIVATE PROPERTY AND ON MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631858	PROPERTY OWNER DID THE CLEAN UP	WORK ORDER #632074 - ROOT CUT. WORK ORDER #631844 - REPAIRED 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	5308 ANATAHAN C	01/31/07 10:20 PM	01/31/07 10:50 PM	1 GAL	Sewer Service Line	DD87226019	ROOTS IN PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	634889	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #634796 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5810 PINE MOUNTA	07/24/06 11:59 AM	07/24/06 12:10 PM	10 GAL	Sewer Service Line	DE29150019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628578	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND FLOOR DRAIN	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
WEST COUNTY	KY0078956	2312 PIKES PEAK B	08/29/06 2:59 PM	08/29/06 03:09 PM	10 GAL	Sewer Service Line	DE30344039	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632222	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
WEST COUNTY	KY0078956	6100 LEDGEWOOD	11/11/06 12:45 PM	11/11/06 12:50 PM	10 GAL	Sewer Service Line	DE30514019	MANHOLE # 07883 WAS HOLDING	OBSTRUCTION-NOT GREASE / ROOTS	631343	AREA WASHED DOWN	FLUSHED 225' GOT OPEN.SEE WO # 607922
WEST COUNTY	KY0078956	2413 PARKWOOD R	08/05/06 7:29 AM	08/05/06 07:40 AM	3 GAL	Sewer Service Line	P5059	ROOTS IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	629159	WASHED DOWN AREA AROUND CLEANOUT	FLUSHED STONE, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
WEST COUNTY	KY0078956	1542 RANGELAND	10/23/06 5:05 PM	10/23/06 05:10 PM	10 GAL	Sewer Service Line	PA08250019	ROOTS IN LINE	ROOTS	629193	AREA WASHED DOWN	WO# 599468 INSTALLED 6' OF 4" PIPE AND 4" 2-WAY CLEAN OUT
WEST COUNTY	KY0078956	3309 BOWIE DR	05/13/07 5:00 PM	05/13/07 05:20 PM	1 GAL	Sewer Service Line	PB11593029	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	666951	CUSTOMER CLEANED	WORK ORDER #667210 - MSD ROOT CUT THE PROPERTY SERVICE;WORK ORDER #666986 - MSD REPAIRED THE PROPERTY SERVICE CONNECTON AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	3902 OLD OUTER L	01/30/07 5:50 PM	01/30/07 06:20 PM	5 GAL	Sewer Service Line	PB12272039	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634414	CUSTOMER CLEANED AREA	WORK ORDER #634458 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	6808 GREEN MANC	06/04/07 10:30 AM	06/04/07 11:30 AM	1 GAL	Sewer Service Line	PB16518029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	672457	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 672486 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6205 GREEN MANC	08/24/06 2:03 PM	08/24/06 02:13 PM	10 GAL	Sewer Service Line	PB16975029	OFFSET JOINT AND ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631240	CLAIM SUBMITTED. THIRD PARTY CLEANED AREA AROUND FLOOR DRAIN.	REMOVED OFFSET PIPE JOINT AND REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION.
WEST COUNTY	KY0078956	6218 MOORHAVEN	10/18/06 4:48 PM	10/18/06 04:53 PM	10 GAL	Sewer Service Line	PB17042019	ROOTS IN LINE	ROOTS	628980	AREA WASHED DOWN	WO# 597835 REPLACED 8' OF 6" PROP SERV CONN & INSTALLED CLEAN OUT
WEST COUNTY	KY0078956	6207 MOORHAVEN	10/21/06 8:26 PM	10/21/06 08:31 PM	10 GAL	Sewer Service Line	PB17068039	ROOTS IN LINE	ROOTS	629142	AREA WASHED DOWN	WO# 599199 ROOT CUT LINE, INSTALLED 6' OF 6" PIPE AND A 2-WAY CLEAN OUT
WEST COUNTY	KY0078956	6601 MANDEVILLE	08/21/06 1:28 PM	08/21/06 01:38 PM	10 GAL	Sewer Service Line	PB17250019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630551	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, INSTALLED TWO WAY CLEANOUT
WEST COUNTY	KY0078956	6307 OCHO RIOS C	05/26/07 1:00 PM	05/26/07 02:30 PM	50 GAL	Sewer Service Line	PB17401039	ROOTS IN THE MAIN SEWER	ROOTS	671306	MSD'S CLEANING CONTRACTOR PERFORMED A FULL CLEAN UP.	WORK ORDER #671323 MSD FLUSHED AND OPENED THE MAIN SEWER.
WEST COUNTY	KY0078956	6909 ROCK HOLLO	10/11/06 2:01 PM	10/11/06 02:06 PM	10 GAL	Sewer Service Line	PB17672029	ROOTS	ROOTS	628609	AREA WASHED DOWN	EXCAVATED/ROOT CUT LINE/INSTALLED 2 WAY CLEANOUT.BACKFILLED.SET VAULT/LID
WEST COUNTY	KY0078956	5106 MEDITERRAN	04/11/07 12:01 AM	04/11/07 12:27 AM	1 GAL	Sewer Service Line	PB18350029	ROOTS AT THE SHARED JOINT	ROOTS	655477	CUSTOMER CLEANED AREA	WORK ORDER # 655476 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	4808 GLENNA WAY	07/25/06 12:23 PM	07/25/06 12:28 PM	10 GAL	Sewer Service Line	PB18558019	MSD CLEANOUT NEEDS TO BE REPAIRED	STRUCTURAL FAILURE	638032	OWNER CLEANED AREA	MSD NEEDS TO RAISE CLEANOUT 7"
WEST COUNTY	KY0078956	8604 MONTRIE CT	03/19/07 9:45 AM	03/19/07 10:25 AM	1 GAL	Sewer Service Line	PC06884029	ROOTS AT THE PROPERTY LINE	ROOTS	646311	THE PROPERTY OWNER CLEANED AREA	WORK ORDER #646348 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	8710 JAN WAY	08/01/06 1:52 PM	08/01/06 02:02 PM	10 GAL	Sewer Service Line	PC06942069	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628989	PROPERTY OWNER/TENNANT CLEANED BATHROOM FACILITY	ROOT CUT, SLIP LINED PROPERTY SERVICE CONNECTION

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	8605 TIMBER HOLL	04/16/07 5:40 PM	04/16/07 06:20 PM	1 GAL	Sewer Service Line	PC07149029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	658102	CUSTOMER ALREADY CLEANED AREA.	WORK ORDER #658518 - ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #658315 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLE
WEST COUNTY	KY0078956	8415 ACME WAY	09/13/06 8:09 AM	09/13/06 12:50 PM	30 GAL	Sewer Service Line	PC09041019	ROOTS	OBSTRUCTION-NOT GREASE / ROOTS	588707	CLAIM WORK ORDER NO. 588708, MSD'S PROFESSIONAL CLEANING CREW CLEANED AND SANITIZED THE AREA	PSCR WORK ORDER NO. 588768, MSD REPAIRED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	8814 OLD IRONSID	10/17/06 12:36 PM	10/17/06 12:41 PM	10 GAL	Sewer Service Line	PC09322049	ROOTS IN LINE	ROOTS	628958	AREA WASHED DOWN	WO# 597467 REPLACED 4.5' OF 4" PROP SERV CONN
WEST COUNTY	KY0078956	8223 ROCHELLE RI	12/13/06 6:05 PM	12/13/06 07:25 PM	1 GAL	Sewer Service Line	PC09514049	ROOTS IN THE MAIN SEWER	ROOTS	619658	CLEAN UP WAS OFFERED BUT PROPERTY OWNER DECLINED	WORK ORDER #619657 - ROOT CUT MAIN SEWER AND GOT LINE OPEN
WEST COUNTY	KY0078956	7912 ROCHELLE RI	11/11/06 12:00 PM	11/11/06 12:16 PM	50 GAL	Sewer Service Line	PC09826039	ROOTS IN THE MAIN SEWER	ROOTS	607832	CONTACTED CLEANING CONTRACTOR TO CLEAN AREA (RAGLANDS)	ROOT CUT THE MAIN SEWER, LINE IS BACK IN SERVICE 12:17PM
WEST COUNTY	KY0078956	7914 ROCHELLE RI	11/11/06 1:38 PM	11/11/06 01:38 PM	20 GAL	Sewer Service Line	PC09827039	ROOTS IN THE MAIN SEWER	ROOTS	607856	CONTACTED PURVIS CLEANING	INSTALLED 2 WAY CLEANOUT AT THE P/L & 5' OF 4" PVC. BACKFILLED, SET VAULT/LID.
WEST COUNTY	KY0078956	8203 VAUGHN MIL	07/14/06 1:00 PM	07/14/06 01:10 PM	10 GAL	Sewer Service Line	PC10102019	ROOTS AND GREASE IN PROPERTY SERVICE CONNECTION	ROOTS	627747	PROPERTY OWNER SUBMITTED DAMAGE CLAIM	WO# 571432 ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	6606 VANDRE AVE	09/15/06 8:52 AM	09/15/06 08:57 AM	10 GAL	Sewer Service Line	PC10201069	ROOTS	ROOTS	638744	AREA WASHED DOWN	REPLACED 5' OF 6" PIPE AND INSTALLED CLEANOUT AT P/L
WEST COUNTY	KY0078956	8005 GRENELLE DR	03/26/07 12:55 PM	03/26/07 01:40 PM	1 GAL	Sewer Service Line	PC10232069	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652172	CLEANED BY CUSTOMER.	WORK ORDER #652311 - INSTALLED A 2-WAY CLEANOUT AND INSTALLED A WATER VAULT
WEST COUNTY	KY0078956	7911 GRENELLE DR	07/24/06 11:35 AM	07/24/06 11:45 AM	10 GAL	Sewer Service Line	PC10238059	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628575	PROPERTY OWNER CLEANED SINK AND BATHROOM FACILITY	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	6810 NALERY WAY	07/15/06 5:38 PM	07/15/06 05:43 PM	10 GAL	Sewer Service Line	PC10294069	ROOTS IN PROP. SERV. CONN.	ROOTS	634505	AREA WASHED DOWN	ROOT CUT SERVICE LINE AND INSTALLED 7' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6822 NALERY WAY	03/01/07 3:20 PM	03/01/07 04:20 PM	1 GAL	Sewer Service Line	PC10300019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642806	CUSTOMER WILL CLEAN AFTER REPAIRS ARE MADE	WORK ORDER # 642783 - MSD INSTALLED A 2-WAY CLEANOUT; WORK ORDER #642961 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	7736 DOMINIQUE I	01/20/07 5:05 PM	01/20/07 06:20 PM	25 GAL	Sewer Service Line	PC10360079	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD AND PRIVATE PROPERTY	ROOTS	631870	CUSTOMER CLEANED AREA	WORK ORDER #631871 - ROOT CUT AND REPAIRED PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	6815 VANDRE AVE	10/12/06 11:17 AM	10/12/06 11:22 AM	10 GAL	Sewer Service Line	PC10389059	ROOTS	ROOTS	628640	AREA WASHED DOWN	EXCAVATED/REPLACED 7' OF 6" PVC & INSTALLED A 2 WAY CLEANOUT/BACKFILLED, SET VAULT/LID
WEST COUNTY	KY0078956	7700 DOMINIQUE I	05/29/07 5:00 PM	05/29/07 05:25 PM	1 GAL	Sewer Service Line	PC10396039	BLOCKAGE AT SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	671567	CUSTOMER CLEANED AREA	WORK ORDER 671566 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER 672460 - FLUSHED LINE TO MAIN SEWER
WEST COUNTY	KY0078956	6625 VANDRE AVE	04/22/07 4:55 PM	04/22/07 05:25 PM	1 GAL	Sewer Service Line	PC10438059	OBSTRUCTION IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	660337	CUSTOMER CLEANED	WORK ORDER 660336 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6603 VANDRE AVE	08/31/06 9:17 AM	08/31/06 09:27 AM	10 GAL	Sewer Service Line	PC10449069	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632237	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN AND BATHROOM FACILITY	WORK ORDERS #584062 & #585877 - ROOT CUT AND SLIPLINE
WEST COUNTY	KY0078956	8420 NEWSTEAD A	10/08/06 9:05 PM	10/08/06 09:40 PM	1 GAL	Sewer Service Line	PC11897029	ROOTS IN SEWER LINE	ROOTS	595488	P/O REFUSED CLEANUP	WO#595486 RAN MINI CAM, MARKED AREA W/GREEN X; WO#595487 PSCR REPAIR, BUD RUN TO BE CONTACTED.
WEST COUNTY	KY0078956	4010 HISPANYOLA	01/10/07 3:25 PM	01/10/07 04:10 PM	20 GAL	Sewer Service Line	PD05164019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	629243	MSD'S CONTRACTOR CLEANED UP ONLY	WORK ORDER #629377 - REPAIRED 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
WEST COUNTY	KY0078956	4017 SLACK AVE	09/12/06 4:00 PM	09/12/06 05:30 PM	1 GAL	Sewer Service Line	PD07166019	ROOT OBSTRUCTION IN MAIN SEWER	ROOTS	588741	CUSTOMER CLEANED AREA	WORK ORDER NO. 589599, MSD ROOT CUT AND GOT THE MAIN SEWER FLOWING
WEST COUNTY	KY0078956	3913 KURTZ AVE	01/08/05 12:21 PM	01/08/07 04:50 PM	1 GAL	Sewer Service Line	PD07230029	ROOTS IN MAIN SEWER	ROOTS	628363	CUSTOMER STATED THEY WILL CLEAN UP, WILL NOT ALLOW INSIDE OF HOME.	WORK ORDER #628290 - ROOT CUT 125FT - WORK ORDER #628313 - ROOT CUT DROP INLET 45FEET
WEST COUNTY	KY0078956	10812 ONANDAGA	01/01/07 4:03 PM	01/01/07 05:00 PM	1 GAL	Sewer Service Line	PD17068049	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	634015	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #627038 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	10814 ONANDAGA	01/01/07 4:21 PM	01/01/07 05:00 PM	1 GAL	Sewer Service Line	PD17070029	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	634018	PROPERTY OWNER CLEANED AREA	WORK ORDER 627039 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	10802 CAMPION CT	02/26/07 5:45 PM	02/26/07 06:45 PM	1 GAL	Sewer Service Line	PD18046039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642047	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #642042- REPAIRED PROPERTY SERVICE CONNECTION AND CONNECTED TO A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	5309 HAVENTREE	07/12/06 11:46 AM	07/12/06 11:55 AM	10 GAL	Sewer Service Line	PD18886319	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627605	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 570902 ROOT CUT, REPLACED PART OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
WEST COUNTY	KY0078956	5324 HAVENTREE	03/22/07 12:32 AM	03/22/07 02:00 AM	1,000 GAL	Sewer Service Line	PD18920019	ROOTS IN THE MAIN SEWER	ROOTS	647079	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #647079 - ROOT THE MAIN SEWER- GOT LINE OPENED
WEST COUNTY	KY0078956	6107 PRICE LANE E	12/02/06 11:02 AM	12/02/06 12:40 PM	10 GAL	Sewer Service Line	PD21048019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631587	PROPERTY OWNER CLEANED AREA	WORK ORDER #615277 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6132 COOPER CHA	09/11/06 3:27 PM	09/11/06 03:32 PM	0 GAL	Sewer Service Line	PD22144319	ROOTS IN PROP. SERV. CONN.	ROOTS	638158	AREA WASHED DOWN	REMOVED ROOTS AND REPLACED 5' OF SERVICE LINE WITH 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6218 COOPER CHA	03/03/07 2:50 PM	03/03/07 03:50 PM	1 GAL	Sewer Service Line	PD22147329	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643274	CUSTOMER CLEANED AREA	WORK ORDER #643298 ROOT CUT LINE - WORK ORDER #643401 -REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	6506 LARCH CT	09/21/06 2:50 PM	09/21/06 02:55 PM	10 GAL	Sewer Service Line	PD22726049	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	638228	AREA WASHED DOWN	WO# 590248 ROOT CUT AND REPLACED 2-WAY CLEAN OUT
WEST COUNTY	KY0078956	9307 PAGODA DR	10/02/06 10:00 PM	10/02/06 10:05 PM		Sewer Service Line	PD22962029	ROOTS BLOCKING PROP. SERV. CONN.	ROOTS	628957	AREA WASHED DOWN	ROOT CUT, REPAIRED, AND FLUSHED SERVICE LINE
WEST COUNTY	KY0078956	6111 LEONARD WA	02/27/07 11:50 AM	02/27/07 12:45 PM	1 GAL	Sewer Service Line	PD23362029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642152	CUSTOMER CLEANED AREA.	WORK ORDER #642145 REPAIR THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #642152 - ROOT CUT THE PROPERTY SERVICE CONNECTI
WEST COUNTY	KY0078956	6110 HERRON CT	06/28/07 10:15 AM	06/28/07 01:45 PM	1 GAL	Sewer Service Line	PD23432019	ROOTS IN THE MAIN SEWER	ROOTS	681392	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #681343 - MSD ROOT CUT THE MAIN SEWER
WEST COUNTY	KY0078956	6107 HERRON CT	02/17/07 5:50 PM	02/17/07 06:05 PM	2 GAL	Sewer Service Line	PD23442019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	639083	CUSTOMER CLEANED AREA	WORK ORDER 640784 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #639094 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED VAULT
WEST COUNTY	KY0078956	6109 HERRON CT	01/11/07 10:07 AM	01/11/07 11:00 AM	2 GAL	Sewer Service Line	PD23444039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND BLOCKAGE ON PRIVATE PROPERTY	ROOTS	633728	PROPERTY OWNER HAS CLEANED THE AREA	WORK ORDER #629419 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	6109 HERRON CT	01/11/07 10:07 AM	01/11/07 11:00 AM	1 GAL	Sewer Service Line	PD23444039	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634801	PROPERTY OWNER CLEANED BATHTUB	WORK ORDER 3629419 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
WEST COUNTY	KY0078956	6108 DOBSON CT	10/09/06 9:18 PM	10/09/06 09:23 PM	10 GAL	Sewer Service Line	PD24034099	ROOTS IN PROP. SERV. CONN.	ROOTS	629335	AREA WASHED DOWN	REMOVED ROOTS AND REPLACED 7' OF 6" SERVICE LINE AND INSTALLED 2-WAY C/O
WEST COUNTY	KY0078956	9400 BRONZERIDG	10/30/06 3:04 PM	10/30/06 04:20 PM	5 GAL	Sewer Service Line	PD24246029	ROOTS ON MSD'S PORTION	ROOTS	608123	CUSTOMER REFUSED COURTESY CLEAN-UP	EXCAVATED. ROOT CUT PSC TO OPEN

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WEST COUNTY	KY0078956	9400 TALLRIDGE C	01/15/07 7:27 PM	01/15/07 11:08 PM	1 GAL	Sewer Service Line	PD24954029	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	634869	CUSTOMER CLEANED THE IMPACTED AREA	NO DIGGING NEEDED - RODDED LINE AND LINE WAS OPEN
WEST COUNTY	KY0078956	5704 TOEBBE LN	03/22/07 4:32 PM	03/22/07 08:33 PM	1 GAL	Sewer Service Line	PD24996079	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND AT THE TAP	ROOTS	647133	ADVISED CUSTOMER'S SON TO ADVISE CUSTOMER TO CALL MSD TOMORROW TO SET UP A TIME WHEN MSD'S CONTRACTOR CAN CLEAN AREA	WORK ORDER#647129 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #647219 - ROOT CUT
WEST COUNTY	KY0078956	9418 CHAMBERS W	04/06/07 2:30 PM	04/06/07 03:30 PM	1 GAL	Sewer Service Line	PD25176079	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	654659	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER#655035 - ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER#654710 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAN
WEST COUNTY	KY0078956	9513 WOOD HOLL	11/09/06 12:25 PM	11/09/06 01:00 PM	5 GAL	Sewer Service Line	PD25434099	ROOTS AT THE PROPERTY LINE	ROOTS	618306	CLEANING CONTRACTOR IDS WAS CONTACTED FOR A CLEAN-UP ONLY	MSD MADE REPAIR TO THE PROPERTY LINE CONNECTION TO REMOVE ROOTS
WEST COUNTY	KY0078956	4913 WOODSEND R	04/28/07 11:00 PM	04/28/07 11:20 PM	50 GAL	Sewer Service Line	PD26093049	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663403	CUSTOMER CLEANED	REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT-WORK ORDER #663411; ROOT CUT AND FLUSHED WORK ORDERS #663500 & #663501
WEST COUNTY	KY0078956	9516 WOOD HOLL	10/20/06 6:49 PM	10/20/06 06:54 PM	10 GAL	Sewer Service Line	PD26139069	ROOTS IN LINE	ROOTS	629122	AREA WASHED DOWN	WO# 599183 REPLACED 5' OF 6" PROP SERV CONN & INSTALLED CLEAN OUT
WEST COUNTY	KY0078956	3908 7TH STREET F	12/29/06 2:30 PM	12/29/06 05:00 PM	15 GAL	Sewer Service Line	RR09943029	DEBRIS IN THE DOWNSTREAM MANHOLE RESTRICTING THE FLOW	OBSTRUCTION-NOT GREASE / ROOTS	626922	MSD'S CONTRATOR CLEANED AREA	MAIN SEWER WAS VACTORED TO REMOVED DEBIRS VACTOR W/O#626918 AND ROOT CUT W/O#626919
WEST COUNTY	KY0078956	2404 GARRS LN	12/01/06 3:00 AM	12/01/06 08:34 AM	100 GAL	Sewer Service Line	RR12483039	ROOTS IN MAIN SEWER.	ROOTS	615047	MSD'S CONTRACTORS CLEANED AND SANITIZED THE LOCATION OF THE OVERFLOW.	WORK ORDER #615045 - MSD ROOT CUT TO CLEAR THE LINE.
WEST COUNTY	KY0078956	3425 FERN LEA RD	03/07/07 10:55 AM	03/07/07 01:25 PM	1 GAL	Sewer Service Line	RR14443759	ROOTS IN THE MAIN SEWER	ROOTS	696701	CUSTOMER CLEANED AFFECTED AREA	WORK ORDER 643854 - ROOT CUT THE MAIN SEWER TO REMOVE THE BLOCKAGE
WEST COUNTY	KY0078956	4026 GLENHURST	05/20/07 6:50 PM	05/20/07 07:20 PM	1 GAL	Sewer Service Line	S354026	ROOTS AT THE SHARED JOINT AND ON PRIVAGE PROPERTY	ROOTS	668562	CUSTOMER CLEANED	WORK ORDER #668561 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	1733 BACHMANN I	07/03/06 4:13 PM	07/03/06 04:25 PM	10 GAL	Sewer Service Line	S501733	ROOTS IN SEWER MAIN	ROOTS	627222	TENANT CLEANED AREA AROUND FLOOR DRAIN, CLAIM WAS MADE FOR THIRD PARTY CLEANUP.	ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	6402 FERNVIEW RI	06/04/07 1:50 PM	06/04/07 02:20 PM	1 GAL	Sewer Service Line	T10846402	ROOTS AND HEAVY DEBRIS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672546	CUSTOMER CLEANED AREA	WORK ORDER #672668 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #672766 - MSD SLIP LINED THE PROPERTY SERVICE CONNECTION
WEST COUNTY	KY0078956	6504 FERNVIEW RI	03/02/07 1:00 PM	03/02/07 02:45 PM	3 GAL	Sewer Service Line	T1086504	ROOTS IN MAIN SEWER	ROOTS	643221	CUSTOMER CLEANED AREA	WORK ORDER #643220 - ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	8219 GLIMMER WA	05/11/07 3:25 PM	05/11/07 03:40 PM	1 GAL	Sewer Service Line	WW09273069	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	666890	CUSTOMER CLEANED	WORK ORDER #666909 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
WEST COUNTY	KY0078956	204 ELK RIVER DR	10/12/06 7:30 PM	10/12/06 07:45 PM	6 GAL	Sewer Service Line	WW09395019	FOUND ROOTS PER TVLIS WO#596567	ROOTS	596568	NOTIFIED RAGLAND CLEANING SERVICE (7:50P)	PSCR WO#596852
WEST COUNTY	KY0078956	124 CHATTANOOG	11/25/06 8:10 PM	11/25/06 10:00 PM	20 GAL	Sewer Service Line	WW09427069	MAIN SEWER OBSTRUCTED WITH ROOTS	ROOTS	612130	P/O WILL CALL BACK IN THE MORNING TO HAVE BSMT CLEAN.	ROOT CUT M/S APPROXIMATELY 200' GOT LINE OPEN.
WEST COUNTY	KY0078956	122 CHATTANOOG	11/25/06 8:15 PM	11/25/06 10:16 PM	10 GAL	Sewer Service Line	WW09428079	M/S OBSTRUCTED WITH ROOTS	ROOTS	612132	CALLED PURVIS CLEANING SERVICES AT 10:38 P.M TO COME AND FULL CLEAN BMST.*	R/C MAIN APPROX 200'
WEST COUNTY	KY0078956	127 OUTER LOOP	12/26/06 3:38 PM	12/26/06 05:00 PM	30 GAL	Sewer Service Line	WW10582029	ROOTS IN MAIN SEWER	ROOTS	626058	PROPERTY OWNER CLEANED AREA	WORK ORDER#625943 - ROOT CUT MAIN SEWER
WEST COUNTY	KY0078956	7410 MANSCLICK R	10/31/06 6:58 PM	10/31/06 07:03 PM	10 GAL	Sewer Service Line	Y13249019	ROOTS IN PROP. SERV. CONN.	ROOTS	629425	AREA WASHED DOWN	INSTALLED 15' OF 6" PVC SERVICE LINE AND 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2604 MEADOW DR	02/20/07 6:35 PM	02/20/07 07:00 PM	2 GAL	Sewer Service Line	011800820000A	BACKWASH FROM SEWER BEING FLUSHED BY MSD	OBSTRUCTION-NOT GREASE / ROOTS	641069	MSD'S CONTRACTOR CLEANED AREA	NONE NEEDED
MORRIS FORMAN	KY0022411	3718 YOUNGWOOD	03/23/07 2:45 PM	03/23/07 03:30 PM	1 GAL	Sewer Service Line	012000430000A	ROOTS AT THE SHARED JOINT	ROOTS	647405	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #647395 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3712 YOUNGWOOD	11/07/06 9:58 AM	11/07/06 10:03 AM	10 GAL	Sewer Service Line	012000460000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630917	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	809 W CHESTNUT S	09/11/06 4:12 PM	09/11/06 04:17 PM	10 GAL	Sewer Service Line	013D00050000A	ROOTS IN CLEANOUT	ROOTS	638682	AREA WASHED DOWN	REPLACED 4" TAP WITH A 6" TAP. INSTALLED 5' OF 6" PVC W/2WAY CLEANOUT.BACKFILLED, INSTALLED VAULT/LID
MORRIS FORMAN	KY0022411	542 W MARKET ST	08/22/06 3:57 PM	08/22/06 04:07 PM	10 GAL	Sewer Service Line	014E02530000A	BLOCKAGE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	631134	PROPERTY OWNER CLEANED AREA AROUND SINK	FLUSHED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2916 WESTFIELD R	04/09/07 6:50 PM	04/09/07 07:10 PM	1 GAL	Sewer Main	02441	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655228	CUSTOMER CLEANED AREA	WORK ORDER #655423 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3913 NAPANEE RD	07/15/06 12:16 PM	08/21/06 10:30 PM	10 GAL	Sewer Service Line	025101300000A	ROOTS IN MAIN SEWER	ROOTS	628215	PROPERTY OWNER CONTACTED 3RD PARTY TO CLEAN BASEMENT, SUBMITTED DAMAGE CLAIM	WO# 571536 ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	312 WESTPORT DR	02/02/07 2:15 PM	02/02/07 03:15 PM	1 GAL	Sewer Service Line	031000160000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	635387	THE PROPERTY OWNER CLEANED THE AREA	WORK ORDER #635309 ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	115 N HUBBARDS L	03/24/07 3:30 PM	03/24/07 05:10 PM	1 GAL	Sewer Service Line	032000120000A	ROOTS AND SLUDGE IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	647526	CUSTOMER CLEANED	WORK ORDER #647528 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	125 DON ALLEN RD	11/21/06 3:47 PM	11/21/06 03:52 PM	10 GAL	Sewer Service Line	032200280000A	ROOTS IN PROP. SERV. CONN.	ROOTS	631304	P/O CLEANED AND DEODORIZED AREA	ROOT CUT AND REPLACED 14' OF SERVICE LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	625 VIRGINIA AVE	03/09/07 11:00 AM	03/09/07 11:20 AM	1 GAL	Sewer Service Line	034201600000A	ROOTS AT THE SHARED JOINT	ROOTS	644454	NO CLEAN UP NEEDED	WORK ORDER #644444 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	521 VIRGINIA AVE	02/14/07 1:00 PM	02/14/07 02:00 PM	1 GAL	Sewer Service Line	034203120000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638630	THE PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #638993 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER#638697 - WAITING ON REPAIRS
MORRIS FORMAN	KY0022411	529 VIRGINIA AVE	10/24/06 4:22 PM	10/24/06 04:27 PM	10 GAL	Sewer Service Line	034204080000A	ROOTS IN LINE	ROOTS	629265	AREA WASHED DOWN	WO# 599852 ROOT CUT LINE, REPLACED 9' OF 6" PIPE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	409 MARQUETTE D	02/19/07 2:00 PM	02/19/07 02:30 PM	1 GAL	Sewer Service Line	034204300000A	ROOTS IN THE MAIN SEWER AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	640915	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER 640950 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT; WORK ORDER #640960 & 641235 - ROOT CUT MAIN SEWER AND PROPERTY
MORRIS FORMAN	KY0022411	12000 DONOHUE A	06/15/07 5:00 PM	06/15/07 06:00 PM	1 GAL	Sewer Service Line	034500120000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	675801	CUSTOMER HAS CLEANED AREA	WORK ORDER#675832 - MSD ROOT CUT THE LINE, REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	308 BRUNSWICK R	12/04/06 10:41 AM	12/04/06 10:46 AM	10 GAL	Sewer Service Line	036500820000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631776	PROPERTY OWNER NOT HOME AT TIME OF INSPECTION	WORK ORDER #616289 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	4621 FOX RUN RD	07/10/06 1:39 PM	07/10/06 01:50 PM	10 GAL	Sewer Service Line	036600980000A	DUEL LINES, ONE SLIP LINED ONE CAST IRON, OBSTRUCTION IN CAST IRON PIPE	STRUCTURAL FAILURE	627296	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND DRAIN	PROPERTY SERVICE DISCONNECTED FROM CAST IRON PIPE AND CONNECTED TO SLIP LINED PIPE
MORRIS FORMAN	KY0022411	103 TANGLEWOOD	03/17/07 11:20 PM	03/17/07 11:35 PM	2 GAL	Sewer Service Line	038700080000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646224	CUSTOMER CLEANED AREA	WORK ORDER #646360 - ROOT CUT; WORK ORDER #646229 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1704 CYPRESS ST	06/06/07 8:45 PM	06/06/07 09:45 PM	45 GAL	Sewer Service Line	040B00470000A	BLOCKAGE AT THE HOOK UP	OBSTRUCTION-NOT GREASE / ROOTS	672918	CUSTOMER CLEANED AREA	WORK ORDER # 672917 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1650 ALGONQUIN	05/01/07 6:25 PM	05/01/07 07:40 PM	12 GAL	Sewer Service Line	041J00400000A	OBSTRUCTION IN MSD'S CLEANOUT	OBSTRUCTION-NOT GREASE / ROOTS	664007	MSD'S CLEANING CONTRACTOR CLEANED AREA ONLY	WORK ORDER 664004 - FLUSHED AND CLEAR LINE
MORRIS FORMAN	KY0022411	1743 DIXDALE AVE	12/01/06 8:22 AM	12/01/06 11:25 AM	1 GAL	Sewer Service Line	041J00830000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	621488	CUSTOMER CLEANED AREA	WORK ORDER #615247 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	2106 WALLIE ANN	05/10/07 2:10 PM	05/10/07 02:55 PM	1 GAL	Sewer Service Line	041L00070000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	666514	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #666660 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2111 MCCLOSKEY	07/06/06 10:49 AM	07/06/06 11:00 AM	10 GAL	Sewer Service Line	041L00560000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627241	PROPERTY OWNER CLEANED AREA AROUND FIRST FLOOR WASHING MACHINE AND DRAIN	ROOT CUT, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	300 BROWNS LN	12/26/06 11:11 AM	12/26/06 02:12 PM	3 GAL	Sewer Service Line	042200150000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	625636	MSD'S VENDOR TO CLEAN AREA	WORK ORDER #625458 - MSD REPAIRED THE PROPERTY SEWER CONNECTION AND INSTALLED A CLEANOUT.
MORRIS FORMAN	KY0022411	2200 WINSTON AV	10/31/06 2:34 PM	10/31/06 02:39 PM	10 GAL	Sewer Service Line	045000130000A	STONE OBSTRUCTING MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	629420	WASHED AREA DOWN	CLEANED AND VACTORED SEWER MAIN
MORRIS FORMAN	KY0022411	3113 LOWELL AVE	07/27/06 1:08 PM	07/27/06 01:20 PM	10 GAL	Sewer Service Line	046800070000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628597	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN AND BATHROOM FACILITY	ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	2228 BRADFORD D	08/18/06 10:01 AM	08/18/06 10:11 AM	10 GAL	Sewer Service Line	049800450000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630320	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	3910 WINCHESTER	02/16/07 3:45 PM	02/16/07 04:15 PM	1 GAL	Sewer Service Line	052100040000A	ROOTS ON MSD'S PROPERTY SERVICE CONNECTION AND ROOTS ON PRIVATE PROPERTY	ROOTS	639031	PROPERTY OWNER CLEANED THE AREA.	ADVISED THE PROPERTY OWNER TO HAVE PLUMBER REPAIR THEIR PORTION BEFORE WE MAKE OUR REPAIRS.
MORRIS FORMAN	KY0022411	4023 ALTON RD	04/05/07 7:50 PM	04/05/07 08:20 PM	1 GAL	Sewer Service Line	052201060000A	SEWERS WERE NOT REPAIRED PROPERLY	STRUCTURAL FAILURE	654411	CUSTOMER CLEANED AREA	WORK ORDERS 654435 AND 647944 - FLUSHED LINE AND REPAIRED THE MAIN SEWER
MORRIS FORMAN	KY0022411	3901 BROWNLEE R	06/08/07 3:30 PM	06/08/07 04:00 PM	1 GAL	Sewer Service Line	052201350000A	BLOCKAGE IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	673340	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 673423 - VACTOR AND FLUSHED LINE TO OPEN MAIN SEWER
MORRIS FORMAN	KY0022411	235 MONOHAN DR	12/19/06 2:05 PM	12/19/06 02:48 PM	2 GAL	Sewer Service Line	052300060000A	ROOTS ON MSD AND ON PRIVATE PROPERTY	ROOTS	620688	PROPERTY OWNER CLEANED AREA	WORK ORDER #620833, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	4316 WINCHESTER	11/29/06 6:10 PM	11/29/06 06:38 PM	2 GAL	Sewer Service Line	052400720000A	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	614853	MSD CLEANED AND SANITIZED THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #614852 - MSD REPLACED PROPERTY SERVICE CONNECTION.
MORRIS FORMAN	KY0022411	4312 WINCHESTER	11/01/06 2:33 PM	11/01/06 02:38 PM	10 GAL	Sewer Service Line	052401320000A	ROOTS IN PROP. SERV. CONN.	ROOTS	629503	AREA WASHED DOWN	ROOT CUT AND FLUSHED SERVICE LINE
MORRIS FORMAN	KY0022411	4216 NORBOURNE	02/15/07 6:34 PM	02/15/07 06:36 PM	15 GAL	Sewer Service Line	052401460000A	ROOTS IN MAIN SEWER.	ROOTS	638797	CUSTOMER CLEANED AREA	WORK ORDER#638806 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	3536 HENRY AVE	10/10/06 5:04 PM	10/10/06 05:09 PM	10 GAL	Sewer Service Line	052D00080000A	ROOTS IN PROP. SERV. CONN.	ROOTS	629356	AREA WASHED DOWN	ROOT CUT AND REPLACED 6' OF 6" SERVICE LINE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	502 DENMARK ST	03/02/07 3:05 PM	03/02/07 03:41 PM	1 GAL	Sewer Service Line	052F01030000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643194	TENANT CLEANED AREA.	WORK ORDER #643242 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT IN THE REAR.
MORRIS FORMAN	KY0022411	231 DERBY AVE	07/29/06 1:55 PM	07/29/06 02:00 PM	10 GAL	Sewer Service Line	054600450000A	MSD CLEANOUT HAD SETTLED	STRUCTURAL FAILURE	637596	PROPERTY OWNER ELECTED TO CLEAN AREA	RESET VAULT /LID AND ADDED DIRT, SEED, STRAW
MORRIS FORMAN	KY0022411	220 CAREY AVE	06/07/07 1:00 PM	06/07/07 01:27 PM	1 GAL	Sewer Service Line	054700420000A	ROOTS ON MSD AND ON PRIVATE PROPERTY IN THE PROPERTY SERVICE CONNECTION	ROOTS	673036	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #673323 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. MSD ADVISED CUSTOMER TO CONTACT 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	221 GRANVIL DR	09/21/06 9:40 AM	09/21/06 12:15 PM	5 GAL	Sewer Service Line	054700440000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	590089	AREA WASHED DOWN	WO# 590136 REPLACED 7' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
MORRIS FORMAN	KY0022411	4307 ST REGIS LN	12/29/06 5:01 PM	12/29/06 05:06 PM	1 GAL	Sewer Service Line	054901140000A	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632015	CUSTOMER CLEANED AREA	WORK ORDER #626926 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4828 BELLEVUE A	12/27/06 9:22 AM	12/27/06 09:27 AM	10 GAL	Sewer Service Line	054G00810000A	ROOTS AT THE SHARED CONNECTION	ROOTS	632110	CUSTOMER NOT HOME AT TIME OF INSPECTION	WORK ORDER #626261 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	3702 PLYMOUTH R	01/08/07 9:38 PM	01/08/07 10:40 PM	1 GAL	Sewer Service Line	055000270000A	ROOTS IN MAIN SEWER	ROOTS	633731	PROPERTY OWNER NOT HOME AT TIME OF INSPECTION.	WORK ORDER #629066 - ROOT CUT TO MAIN SEWER
MORRIS FORMAN	KY0022411	3705 HUGHES RD	11/20/06 8:31 AM	11/20/06 08:36 AM	10 GAL	Sewer Service Line	055000300000A	ROOTS IN PROP. SERV. CONN.	ROOTS	631218	AREA WASHED DOWN	ROOT CUT AND REPLACED 8' OF 6" PIPE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3612 PLYMOUTH R	02/23/07 12:20 PM	02/23/07 12:40 PM	15 GAL	Sewer Service Line	055000550000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641693	MSD'S CLEANING CONTRACTOR	WORK ORDER #641756 - FLUSHED THE LINE; WORK ORDER #641757 - ROOT CUT MAIN SEWER; WORK ORDER #641490 - REPAIRED PROPERTY SERVICE CONNECTION AND CLEANOU
MORRIS FORMAN	KY0022411	3606 HUGHES RD	08/17/06 4:45 PM	08/17/06 05:09 PM	3 GAL	Sewer Service Line	055000710000A	HIT BLOCKAGE ROOT ON MSD PORTION OF LINE	ROOTS	579794	NOTIFIED RAGLAND CLEANING SERVICE (5:00PM) FOR CLEAN ONLY	REFER TO SUPERVISOR TO DIG UP (PSCR) W.O. #579793
MORRIS FORMAN	KY0022411	3116 HOUSTON BL	09/03/06 12:00 AM	09/03/06 10:08 PM		Sewer Service Line	055300850000A	ROOT OBSTRUCTION	ROOTS	588233	CLEANUP NOT FEASIBLE	WORK ORDER NO. 585943, MSD ROOT CUT AND GOT THE M/S FLOWING
MORRIS FORMAN	KY0022411	285 GRANVIL DR	02/08/07 5:30 PM	02/08/07 06:19 PM	1 GAL	Sewer Service Line	055800140000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	637803	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #637801 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	263 GRANVIL DR	11/06/06 7:28 PM	11/06/06 07:33 PM	10 GAL	Sewer Service Line	0558005650000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630893	AREA WASHED DOWN	ROOT CUT AND REPLACED 25' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	317 GRANVIL DR	12/29/06 4:44 PM	12/29/06 04:49 PM	5 GAL	Sewer Service Line	055801260000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632010	CUSTOMER CLEANED AREA	WORK ORDER #626921 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	4121 S 2ND ST	04/04/07 11:50 AM	04/04/07 12:53 PM	25 GAL	Sewer Service Line	055H00120000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	654073	CUSTOMER CLEANED AREA	WORK ORDER 654269 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4121 S 2ND ST	06/29/07 7:00 PM	06/29/07 08:00 PM	5 GAL	Sewer Service Line	055H00120000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	682483	CUSTOMER CLEANED	WORK ORDER #682484 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION TO OPEN THE LINE
MORRIS FORMAN	KY0022411	4317 S BROOK ST	05/09/07 1:25 PM	05/10/07 11:00 AM	1 GAL	Sewer Service Line	055K00420000A	CONCRETE OBSTRUCTING THE FLOW OF THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	666354	CUSTOMER CLEANED AREA	WORK ORDER 666355 - REMOVED CONCRETE FROM MAIN SEWER
MORRIS FORMAN	KY0022411	212 WELBURN DR	08/14/06 3:40 PM	08/14/06 03:50 PM	10 GAL	Sewer Service Line	056500480000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629733	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND BATHROOM FACILITY	WO# 579420 ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	3607 GRAHAM RD	12/21/06 10:30 AM	12/21/06 12:15 PM	1 GAL	Sewer Service Line	057200360000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	622250	CLEANUP PERFORMED BY CUSTOMER BEFORE INSPECTION	WORK ORDER #624731 - ROOT CUT TO CLEAR LINES.
MORRIS FORMAN	KY0022411	3608 GRAHAM RD	05/25/07 3:00 PM	05/25/07 04:00 PM	1 GAL	Sewer Service Line	057200720000A	MSD FLUSHING THE MAIN SEWER(PREVENTIVE MAINTANCE)	OBSTRUCTION-NOT GREASE / ROOTS	671925	PROPERTY OWNER CLEANED THE AREA	NO FURTHER ACTION NEEDED
MORRIS FORMAN	KY0022411	4522 S 2ND ST	10/04/06 4:15 PM	10/04/06 05:06 PM	10 GAL	Sewer Service Line	057G00300000A	DEBRI IN MAIN	OBSTRUCTION-NOT GREASE / ROOTS	594669	AREA WASHED DOWN	VACTORED MAIN AND MANHOLE
MORRIS FORMAN	KY0022411	4725 S 2ND ST	02/13/07 11:35 PM	02/14/07 12:20 AM	1 GAL	Sewer Service Line	058C00690000A	ROOTS AT THE SHARED JOINT	ROOTS	638502	CUSTOMER CLEANED AREA	WORK ORDER #638499 - INSTALLED A HOOK UP AND INSTALLED A 2-WAY CLEANOUT.

**APPENDIX D
OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4619 S 2ND ST	03/01/07 2:10 PM	03/01/07 02:55 PM	5 GAL	Sewer Service Line	058D00730000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642810	CUSTOMER CLEANED AREA	WORK ORDER #642921 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #643386 & #643451 ROOT CUT PROPERTY SERVICE CONNE
MORRIS FORMAN	KY0022411	348 W SOUTHSIDE	02/06/07 4:15 PM	02/06/07 05:10 PM	1 GAL	Sewer Service Line	059K00040000A	ROOTS ON MSD AND PRIVATE PROPERTY.	ROOTS	636244	CUSTOMER ALREADY AREA.	WORK ORDER # 637582 - ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	336 E SOUTHSIDE C	08/01/06 11:52 AM	08/01/06 11:57 AM	10 GAL	Sewer Service Line	059K00990000A	ROOTS	ROOTS	635638	AREA WASHED DOWN	EXCAVATED/ROOT CUT BOTH WAYS & REPLACED 11' OF 6" PVC WITH 2 WAY C/O.
MORRIS FORMAN	KY0022411	415 E SOUTHSIDE C	10/02/06 1:40 PM	10/02/06 01:45 PM	10 GAL	Sewer Service Line	059K01340000A	ROOTS IN PROP. SERV. CONN.	ROOTS	628581	AREA WASHED DOWN	ROOT CUT SERVICE LINE
MORRIS FORMAN	KY0022411	4911 SOUTHERN PI	06/06/07 5:20 PM	06/06/07 05:47 PM	1 GAL	Sewer Service Line	060A00290000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672897	CUSTOMER CLEANED AREA	WORK ORDER#673332; ROOT CUT THE LINE; WORK ORDER #673038 - MSD REPAIRED THE PROPERTY SERVICE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2103 REYNOLDS L	01/22/07 5:00 PM	01/22/07 05:20 PM	25 GAL	Sewer Service Line	061000600000A	BLOCKAGE ON MSD AND PRIVATE PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	632174	RAKED AND BAGGED AREA	MSD CLEARED LINE & REPLACED 5' OF 6" PVC & ADDED CLEANOUT
MORRIS FORMAN	KY0022411	308 INVERNESS AV	01/19/07 12:30 PM	01/19/07 01:14 PM	1 GAL	Sewer Service Line	061L01130000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631560	THE PROPERTY OWNER CLEANED AREA	WORK ORDER #632004 - ROOT CUT TO MAIN SEWER 20 FEET. WORK ORDER #631571 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4885 BRENDA DR	06/24/07 1:32 PM	06/24/07 01:32 PM	1 GAL	Sewer Service Line	062500350000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	680663	CUSTOMER CLEANED AREA	REPAIR WORK ORDERS #680825 & #680664 - MSD ROOT CUT TO THE MAIN SEWER, REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	608 ORCHARD HIL	07/21/06 11:18 PM	07/21/06 11:23 PM	10 GAL	Sewer Service Line	062G00450000A	MANHOLE DAMAGED	STRUCTURAL FAILURE	635479	AREA WASHED DOWN	MANHOLE REPLACED
MORRIS FORMAN	KY0022411	126 WOODMORE A	12/01/06 8:39 AM	12/02/06 10:00 AM	1 GAL	Sewer Service Line	062J00250000A	ROOTS IN THE MAIN SEWER	ROOTS	619498	PROPERTY OWNER CLEANED AREA	WORK ORDER #619497 ROOT CUT MAIN SEWER IN FRONT 435 FEET. WORK ORDER #620559 ROOT CUT MAIN SEWER 300 FT (REAR)
MORRIS FORMAN	KY0022411	935 WESTVIEW DR	03/24/07 7:24 PM	03/24/07 09:18 PM	10 GAL	Sewer Service Line	062N01750000A	ROOTS AT THE HOOKUP	ROOTS	647534	CUSTOMER HAS CLEANED AREA UP.	WORK ORDER #647542 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1222 PHYLLIS AVE	01/05/07 7:45 PM	01/05/07 08:10 PM	5 GAL	Sewer Service Line	063L00660000A	PROPERTY SERVICE CONNECTION BROKE ON MSD	STRUCTURAL FAILURE	628096	CUSTOMER CLEANED AREA	WORK ORDER#628013 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5403 SUNSET DR	12/10/06 1:50 PM	12/10/06 01:55 PM	10 GAL	Sewer Service Line	064I02300000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631589	CUSTOMER CLEANED AREA	WO# 618652 ROOT CUT LINE, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1351 SALE AVE	02/24/07 7:57 PM	02/24/07 08:06 PM	10 GAL	Sewer Service Line	064C01220000A	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	641771	MSD PERSONNEL CLEANED AND SANITIZED BASEMENT FLOOR	WORK ORDER 641769 - FLUSHED MSD CLEANOUT
MORRIS FORMAN	KY0022411	4018 CHURCHMAN	10/19/06 9:56 AM	10/19/06 10:01 AM	10 GAL	Sewer Service Line	066H00370000A	ROOTS IN LINE	ROOTS	629000	AREA WASHED DOWN	WO# 599172 ROOT CUT & REPLACED 5' OF 6" PROP SERV CONN & INSTALLED CLEAN OUT
MORRIS FORMAN	KY0022411	3124 ORIOLE DR	04/10/07 7:35 PM	04/10/07 07:37 PM	1 GAL	Sewer Service Line	069600300000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655463	CUSTOMER CLEANED AREA	WORK ORDER #655467 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1128 DOVE RD	01/09/07 10:45 AM	01/09/07 01:45 PM	3 GAL	Sewer Service Line	069800470000A	ROOTS AND GREASE ON MSD'S PROPERTY SERVICE CONNECTIN AND PRIVATE PROPERTY	GREASE BLOCKAGE	628931	CUSTOMER CLEANED AREA	WORK ORDER #628608 - ROOT CUT 90 FEET. ALSO INFORMED CUSTOMER THAT HE NEEDS A PLUMBER TO CLEAR HIS PORTION OF LINE.
MORRIS FORMAN	KY0022411	323 WINTON AVE	06/19/07 2:45 PM	06/19/07 03:45 PM	1 GAL	Sewer Service Line	072K01090000A	ROOTS IN THE MAIN SEWER AND ROOTS ON PRIVATE PROPERTY	ROOTS	678730	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #680016 - MSD ROOT CUT THE MAIN SEWER TO OPEN LINE. MSD LEFT MESSAGE ADVISING CUSTOMER TO GET A PLUMBER.
MORRIS FORMAN	KY0022411	411 BAUER AVE	05/10/07 11:30 AM	05/10/07 12:36 PM	2 GAL	Sewer Service Line	073L00860000A	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION WAS CRUSHED	STRUCTURAL FAILURE	666449	MSD'S CLEANING CONTRACTOR CONTACTED TO CLEAN AREA ONLY	WORK ORDER 666447 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

**APPENDIX D
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3250 LEXINGTON R	03/05/07 12:45 PM	03/05/07 01:30 PM	1 GAL	Sewer Service Line	074H00460000A	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	643518	PROPERTY OWNER CLEANED THE AREA	WORK ORDERS 643446, 643659 AND 643766 - ROOT CUT AND REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	345 PLAZA AVE	04/29/07 10:25 PM	04/29/07 10:45 PM	1 GAL	Sewer Service Line	078600220000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663429	CUSTOMER CLEANED	REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT-WORK ORDER #663514
MORRIS FORMAN	KY0022411	308 ANDERSON AV	05/01/07 11:15 AM	05/01/07 12:54 PM	1 GAL	Sewer Service Line	078600880000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	663929	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #663927 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2622 MCCOY WAY	10/02/06 2:56 PM	10/02/06 03:01 PM	10 GAL	Sewer Service Line	078L01600000A	ROOTS IN PROP. SERV. CONN.	ROOTS	628647	AREA CLEANED BY PRO. CLEANING COMPANY	ROOT CUT AND REPAIRED SERVICE LINE
MORRIS FORMAN	KY0022411	1043 W INDIAN TRI	07/08/06 4:37 PM	07/08/06 04:47 PM	10 GAL	Sewer Service Line	079400350000A	OBSTRUCTION IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	627269	PROPERTY OWNER CLEANED BATHROOM FACILITY, SETTLED CLAIM FOR \$150.00	REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	4519 BREITENSTEI	05/14/07 11:45 AM	05/14/07 01:00 PM	1 GAL	Sewer Service Line	080500750000A	ROOTS IN THE SHARE JOINT OF THE PROPERTY SERVICE CONNECTION.	ROOTS	667068	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #667040 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #667194 - MSD ROOT CUT THE PROPERTY SERVI
MORRIS FORMAN	KY0022411	3013 HAYFIELD DR	01/22/07 1:15 PM	01/22/07 02:15 PM	5 GAL	Sewer Service Line	080K00320000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632146	MSDS' CONTRATOR TO CLEAN AREA	WORK ORDER #632241 - ROOT CUT. WORK ORDER #632133 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2539 DOUP AVE	02/21/07 3:15 PM	02/21/07 03:45 PM	1 GAL	Sewer Service Line	081A01670000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641273	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #641386 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2412 HAWTHORNE	09/14/06 11:04 AM	09/14/06 11:09 AM	10 GAL	Sewer Service Line	081D01080000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	638363	AREA WASHED DOWN	WO# 589117 ROOT CUT, REPLACED 4' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
MORRIS FORMAN	KY0022411	2412 CLARENDON	01/15/07 9:55 PM	01/15/07 10:10 PM	2 GAL	Sewer Service Line	081E00090000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	630394	CUSTOMER CLEANED AREA	WORK ORDER #630901 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT. WORK ORDER #631081 - ROOT CUT 25 FEET TO MAIN SEWER
MORRIS FORMAN	KY0022411	3017 WEDGEWOOD	05/03/07 1:15 PM	05/03/07 02:00 PM	1 GAL	Sewer Service Line	081G00510000A	ROOTS ON MSD AND ON PRIVATE PROPERTY	ROOTS	664520	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #664718-ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #664618 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAN
MORRIS FORMAN	KY0022411	3011 NADINA DR	06/27/07 9:10 PM	06/27/07 10:20 PM	1 GAL	Sewer Service Line	081G00920000A	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND BLOCKAGE IN THE MAIN SEWER	ROOTS	681224	CUSTOMER CLEANED	WORK ORDERS #681468, #681485, & #681349 MSD ROOT CUT TOWARDS THE MAIN AND TOWARDS PRIVATE PROPERTY; MSD REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2218 GOLDSMITH I	05/29/07 3:00 PM	05/29/07 04:00 PM	1 GAL	Sewer Service Line	081L00020000A	ROOTS IN THE PROPERTY SERVICE CONNECTION	ROOTS	671542	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #671618 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3008 RADIANCE RI	04/14/07 7:16 PM	04/14/07 07:16 PM	1 GAL	Sewer Service Line	081M01960000A	ROOTS AT MSD PROPERTY SERVICE CONNECTION	ROOTS	657785	CUSTOMER CLEANED AREA	WORK ORDER#657826 - REPAIR PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2913 ABIGAIL DR	09/28/06 10:13 AM	09/28/06 10:18 AM	10 GAL	Sewer Service Line	082A01230000A	ROOTS IN PROP. SERV. CONN.	ROOTS	638180	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF SERVICE LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	810 HUNTINGTON	06/12/07 3:50 PM	06/12/07 04:45 PM	1 GAL	Sewer Service Line	082B00500000A	OBSTRUCTION ON BOTH PARTIES IN THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	674090	MSD'S CLEANING CONTRACTOR WILL PERFORM A COURTESY CLEANUP	WORK ORDER #674496 - MSD FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	808 HUNTINGTON	05/29/07 7:04 PM	05/29/07 07:05 PM	10 GAL	Sewer Service Line	082B00510000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	671553	MSD'S CLEANING CONTRACTOR PERFORMED CLEANOUT	WORK ORDER#671619 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	802 CHAMBERRY I	08/10/06 7:00 PM	08/10/06 07:09 PM	5 GAL	Sewer Service Line	082B01170000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	578281	THE PROPERTY OWNER CLEANED THE AREA AROUND THE DISCHARGE SITE.	WORK ORDER #579056 - MSD EXCAVATED, REMOVED THE ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION.
MORRIS FORMAN	KY0022411	808 SAMOA WAY	10/06/06 4:15 PM	10/06/06 04:20 PM	10 GAL	Sewer Service Line	082B01570000A	ROOTS BLOCKING PROP. SERV. CONN.	ROOTS	629301	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF 6" 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	804 SAMOA WAY	12/17/06 8:53 AM	12/17/06 11:35 AM	25 GAL	Sewer Service Line	082B01850000A	HEAVY DEBRIS AND SOLIDS IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	620342	CONTACTED RAGLANDS FOR A CLEAN-UP ONLY	FLUSHED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3133 REDBUD LN	04/04/07 3:15 PM	04/04/07 04:00 PM	1 GAL	Sewer Service Line	082H00070000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	654171	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #654129 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3122 MAYWOOD P	10/11/06 9:42 PM	10/11/06 09:47 PM	2 GAL	Sewer Service Line	082H00390000A	ROOTS	ROOTS	628621	AREA WASHED DOWN	REVERSE FLUSHED LINE/ROOT CUT/REPLACED 5' OF 6" PVC WITH A 2 WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	3122 MAYWOOD P	10/11/06 10:15 PM	10/11/06 10:45 PM	2 GAL	Sewer Service Line	082H00390000A	ROOTS IN THE MAIN SEWER	ROOTS	596317	NO CLEANUP NEEDED	ROOT-CUT GOT OPEN AND REFER TO DIG LINE
MORRIS FORMAN	KY0022411	3748 TAYLORSVIL	11/07/06 4:56 PM	11/07/06 05:01 PM	10 GAL	Sewer Service Line	082H00680000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630994	AREA WASHED DOWN	ROOT CUT AND REPLACED 6' OF 6" LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3746 TAYLORSVIL	01/06/07 6:30 PM	01/06/07 07:30 PM	1 GAL	Sewer Service Line	082H00690000A	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	628091	CUSTOMER CLEANED THE AREA	WORK ORDER #628082 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3016 DOGWOOD D	11/30/06 4:18 PM	11/30/06 04:23 PM	10 GAL	Sewer Service Line	082H01040000A	ROOTS IN PROP SERV CONN	ROOTS	631531	AREA WASHED DOWN	WO# 615116 ROOT CUT LINE, REPLACED PIPE AND CLEANOUT
MORRIS FORMAN	KY0022411	3014 DOGWOOD D	01/03/07 4:49 PM	01/03/07 05:45 PM	1 GAL	Sewer Service Line	082H01050000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	633723	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #629170 - ROOT CUT TOWARDS MAIN SEWER 135FEET. WORK ORDER #627395 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3527 HUGHES RD	10/02/06 2:18 PM	10/02/06 02:23 PM	10 GAL	Sewer Service Line	082N00280000A	ROOTS IN PROP. SERV. CONN.	ROOTS	628641	AREA WASHED DOWN	ROOT CUT SERVICE LINE
MORRIS FORMAN	KY0022411	3523 WINCHESTER	08/16/06 2:49 PM	08/16/06 02:59 PM	10 GAL	Sewer Service Line	082X01520000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630050	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND FLOOR DRAIN	WO# 579622 ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	2808 ROSALEE AV	11/01/06 12:47 PM	11/01/06 12:52 PM	10 GAL	Sewer Service Line	082Y01910000A	ROOTS IN PROP SERV CONN	ROOTS	634340	AREA WASHED DOWN	WO# 603738 REPLACED 7' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
MORRIS FORMAN	KY0022411	2826 SHANNON DR	01/29/07 4:15 PM	01/29/07 04:45 PM	1 GAL	Sewer Service Line	082Y02200000A	ROOTS IN PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	634270	THE PROPERTY OWNER CLEANED AREA	WORK ORDER #634309 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2820 DELL BROOK	10/16/06 9:00 PM	10/16/06 10:00 PM	20 GAL	Sewer Service Line	082Z01020000A	ROOTS ON MSD	ROOTS	608219	CLEANUP BY IDS	TVLIS WO#597195 & PSCR WO#597308
MORRIS FORMAN	KY0022411	1526 POPLAR LEVE	01/28/07 7:17 PM	01/28/07 10:00 PM	1 GAL	Sewer Service Line	084A00800000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	634239	MSD'S CONTRACTOR PERFORMED FULL CLEANUP	WORK ORDER #634147 - REMOVED ROOTS FROM PROPERTY SERVICE CONNECTION. CUSTOMER NEED TO CONTACT PLUMBER FOR BLOCKAGE
MORRIS FORMAN	KY0022411	919 ROSEMARY DR	04/30/07 4:25 PM	04/30/07 05:10 PM	1 GAL	Sewer Service Line	084F00410000A	ROOTS AT THE TAP AND ON PRIVATE PROPERTY	ROOTS	663649	CUSTOMER ALREADY CLEANED AREA.	WORK ORDER #664137-ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #663928 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEAN
MORRIS FORMAN	KY0022411	5417 RUSTIC WAY	12/05/06 6:20 PM	12/05/06 07:05 PM	20 GAL	Sewer Service Line	085900200000A	HEAVY GREASE IN THE MAIN SEWER	GREASE BLOCKAGE	616438	SPOKE WITH PROPERTY OWNER, NO CLEANUP NEEDED	WORK ORDER #615168 & #616586 - MSD VACTORED GREASE FROM SEWER. JWD IS INVESTIGATING THE SOURCE OF GREASE
MORRIS FORMAN	KY0022411	1264 FARMDALE A	03/14/07 11:15 PM	03/14/07 11:40 PM	5 GAL	Sewer Service Line	085K00860000A	ROOTS AT THE SHARED JOINT AND ON PRIVATE PROPERTY	ROOTS	645798	MSD'S CLEANING CONTRACTOR CLEANED THE AREA	CUSTOMER SIGNED WAIVER TO DIG - WORK ORDER #645738 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. CUSTOMER NEEDS PLUMBER
MORRIS FORMAN	KY0022411	1290 FARMDALE A	12/20/06 6:35 PM	12/20/06 06:51 PM	3 GAL	Sewer Service Line	085K00990000A	MSD FLUSHED SEWER AND CAUSED A BACK FLUSH INTO HOME	OBSTRUCTION-NOT GREASE / ROOTS	621206	MSD'S CONTRACTOR WILL CLEAN UP AREA	NO REPAIR REQUIRED
MORRIS FORMAN	KY0022411	1263 LUCAS AVE	09/30/06 6:30 PM	09/30/06 06:45 PM	1 GAL	Sewer Service Line	085K01310000A	ROOTS IN THE LINE	ROOTS	593466	P/O REFUSED THE CLEANING SERVICE	REFER TO DUG UP M/S

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3605 NELINDA MA	04/06/07 10:30 AM	04/06/07 11:22 AM	1 GAL	Sewer Service Line	086600960000A	ROOTS AT TAP	ROOTS	654604	CUSTOMER ALREADY CLEANED AREA	WORK ORDER # 654630 - INSTALLED A 2-WAY CLEANOUT; WORK ORDER#654673 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	5805 EMMALEE DR	09/29/06 2:00 PM	09/30/06 09:00 AM	25 GAL	Sewer Service Line	087101290000A	ROOTS	ROOTS	593441	PURVIS CLEANING SEVICE WILL CLEAN AND SANITIZE AREA.	
MORRIS FORMAN	KY0022411	5603 CAROLYN WA	04/19/07 3:10 PM	04/19/07 03:50 PM	1 GAL	Sewer Service Line	087200520000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	658724	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #658786 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3315 BELMONT RD	08/16/06 2:30 PM	08/16/06 02:40 PM	10 GAL	Sewer Service Line	087E00620000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629995	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND BATHROOM FACILITY	WO# 579607 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION AND INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	3514 WEXFORD DR	08/21/06 2:18 PM	08/21/06 02:28 PM	10 GAL	Sewer Service Line	087F00770000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630882	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	3510 KERRY DR	04/10/07 5:39 PM	04/10/07 05:46 PM	1 GAL	Sewer Service Line	087F01590000A	ROOTS AT THE TAP	ROOTS	655448	CUSTOMER WILL CLEAN UP	WORK ORDER #655547 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1300 LACONA LN	10/19/06 1:28 PM	10/19/06 01:33 PM	10 GAL	Sewer Service Line	087H01240000A	ROOTS IN LINE	ROOTS	629026	AREA WASHED DOWN	WO# 598005 ROOT CUT LINE, REPLACED 4' OF 6" PIPE WITH A 2-WAY LEAN OUT
MORRIS FORMAN	KY0022411	3008 CLEVELAND	03/26/07 5:01 PM	03/26/07 05:01 PM	1 GAL	Sewer Service Line	088E01850000A	ROOTS AT THE SHARED JOINT	ROOTS	652246	CLEANED BY CUSTOMER.	WORK ORDER #652317 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3021 FLEMING AVI	08/31/06 3:55 PM	08/31/06 04:05 PM	10 GAL	Sewer Service Line	088E02070000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	633427	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN AND IN BATHROOM FACILITY	ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	2828 COLEEN CT	02/20/07 11:15 AM	02/20/07 11:53 AM	2 GAL	Sewer Service Line	088H00860000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	640969	PROPERTY OWNER CLEANED AREA	WORK ORDER #641190 ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #641016 - INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2844 COLEEN CT	05/25/07 7:30 PM	05/25/07 07:50 PM	1 GAL	Sewer Service Line	088H00950000A	ROOTS IN PROPERTY SERVICE CONNECTION MSD PORTION AND ON PRIVATE PROPERTY	ROOTS	671282	CUSTOMER CLEANED	WORK ORDER#671281 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND ADVISED CUSTOMER TO CONTACT PLUMBER TO REPAIR THEIR PORTION OF PROPERTY SERVICE C
MORRIS FORMAN	KY0022411	2802 BEXLEY CT	01/19/07 2:00 AM	01/19/07 05:14 AM	75 GAL	Sewer Service Line	088H01200000A	ROOTS IN MAIN SEWER	ROOTS	631406	MSD'S CONTRACTOR PERFORMED FULL CLEANUP	WORK ORDER #631404, MSD ROOT CUT THE MAIN SEWER TO RELIEVE BLOCKAGE.
MORRIS FORMAN	KY0022411	733 FAIRHILL DR	03/21/07 3:45 PM	03/21/07 05:00 PM	1 GAL	Sewer Service Line	088J00540000A	ROOTS AT THE SHARED JOINT	ROOTS	646924	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #647010 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	611 N HITE AVE	10/27/06 2:30 PM	10/27/06 02:35 PM	10 GAL	Sewer Service Line	088L00030000A	ROOTS	ROOTS	630897	AREA WASHED DOWN	EXCAVATED & ROOT CUT PSC/REPLACED 4' OF 6". FLUSHED PSC TO M/S. SEE WORK ORDER HISTORY
MORRIS FORMAN	KY0022411	5114 RED FERN RD	12/28/06 12:35 PM	12/28/06 01:10 PM	8 GAL	Sewer Service Line	089703630000A	ROOT IN MAIN SEWER.	ROOTS	626449	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #626358 - MAIN SEWER WAS ROOT CUT
MORRIS FORMAN	KY0022411	5116 RED FERN RD	12/28/06 9:45 AM	12/28/06 11:28 AM	100 GAL	Sewer Service Line	089703640000A	ROOTS IN MAIN SEWER.	ROOTS	626349	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #626352 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	5207 ROBINWOOD	07/12/06 7:23 PM	07/12/06 07:30 PM	10 GAL	Sewer Service Line	089704230000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627715	PROPERTY OWNER CLEANED BATHROOM FACILITY	WO# 570924 ROOT CUT, WO# 570830 REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	5204 ROBINWOOD	12/03/06 6:32 PM	12/03/06 07:00 PM	6 GAL	Sewer Service Line	089704280000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	615286	MSD'S CONTRACTOR CLEANED THE BATHTUB	WO# 616051 INSTALLED 6' OF 6" PIPE WITH 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	5203 REGENT WAY	06/01/07 5:05 PM	06/01/07 05:30 PM	1 GAL	Sewer Service Line	089704370000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNETION	ROOTS	672315	CUSTOMER CLEANED AREA	WORK ORDER #672329 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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MORRIS FORMAN	KY0022411	2921 RICHLAND A	04/04/07 7:10 PM	04/04/07 07:25 PM	1 GAL	Sewer Service Line	089C00970000A	ROOTS AT THE SHARED JOINT	ROOTS	654203	CUSTOMER CLEANED	WORK ORDER#654288 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2908 EDMONIA AV	08/16/06 3:35 PM	08/16/06 03:45 PM	5 GAL	Sewer Service Line	089C01140000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634831	PROPERTY OWNER CLEANED AFFECTED AREA	ROOT CUT PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	2816 BROOKDALE	02/11/07 12:30 AM	02/11/07 12:30 AM	1 GAL	Sewer Service Line	089F01310000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638123	THE PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #638101 - REMOVED ROOTS FROM STACK AND REPLACED AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4428 LYNNBROOK	11/28/06 9:22 AM	11/28/06 09:27 AM	10 GAL	Sewer Service Line	089H02160000A	ROOTS IN PROP SERV CONN	ROOTS	634348	AREA WASHED DOWN	WO# 618287 REPLACED 6' OF 4" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
MORRIS FORMAN	KY0022411	1600 LOU GENE AV	02/13/07 9:40 PM	02/13/07 10:15 PM	150 GAL	Sewer Service Line	090A01330000A	ROOTS IN MAIN SEWER	ROOTS	638513	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #638731 ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	1532 ANNA LN	01/16/07 5:30 PM	01/16/07 06:00 PM	5 GAL	Sewer Service Line	090C00960000A	ROOTS IN PROPERTY SERVICE CONNECTION AT THE SHARED JOINT	ROOTS	630951	CUSTOMER CLEANED THE AREA	ROOT CUT WORK ORDER #631274. WORK ORDER 630950 - ROOT CUT MAIN SEWER.
MORRIS FORMAN	KY0022411	4308 CLOVERLEAF	11/21/06 10:01 AM	11/21/06 10:06 AM	10 GAL	Sewer Service Line	090C01390000A	ROOTS IN PROP. SERV. CONN.	ROOTS	631236	AREA WASHED DOWN	ROOT CUT, FLUSHED, AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	1400 GARVEY DR	11/29/06 2:32 PM	11/29/06 02:37 PM	10 GAL	Sewer Service Line	090D00200000A	ROOTS IN PROP SERV CONN	ROOTS	631432	AREA WASHED DOWN	WO# 614927 ROOT CUT LINE/ WO# 614788 REPLACED 7' OF PIPE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	4302 ESTATE DR	03/15/07 1:30 PM	03/15/07 02:00 PM	1 GAL	Sewer Service Line	090D00240000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	645830	CUSTOMER CLEANED AREA	WORK ORDERS 646190 AND 645942 - ROOT CUT AND REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1591 SADIE LN	05/31/07 10:30 AM	05/31/07 11:30 AM	1 GAL	Sewer Service Line	090D00780000A	ROOTS IN THE MAIN SEWER.	ROOTS	671822	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #671861 - MSD ROOTCUT THE MAIN SEWER AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	4333 SADIE LN	04/24/07 6:00 PM	04/24/07 06:26 PM	1 GAL	Sewer Service Line	090D01500000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	660730	CUSTOMER HAS CLEANED AREA.	WORK ORDER #660814 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3651 ELDERWOOD	08/14/06 1:35 AM	08/14/06 01:45 AM	10 GAL	Sewer Service Line	090E00330000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629509	THIRD PARTY CLEANED PROPERTY	WO# 579285 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	4704 LARAMIE CT	07/05/06 11:49 AM	07/05/06 12:00 PM	10 GAL	Sewer Service Line	090J00480000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627237	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	2915 NEPPERHAN	11/02/06 8:21 AM	11/02/06 09:55 AM	10 GAL	Sewer Service Line	091A00690000A	MASSIVE ROOTS AT THE SHARED JOINT	ROOTS	619490	PROPERTY CLEANED AREA	ROOT CUT - WO#6037673
MORRIS FORMAN	KY0022411	6315 SIX MILE LN	06/27/07 9:30 AM	06/27/07 11:30 AM	1 GAL	Sewer Service Line	091A01940000A	ROOTS IN THE MAIN SEWER.	ROOTS	681155	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #681114 - MSD ROOT CUT THE MAIN SEWER AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	4206 BUXTON DR	07/31/06 11:25 AM	07/31/06 11:35 AM	10 GAL	Sewer Service Line	091C00750000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630316	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	WO# 577311 ROOT CUT, WO# 574226 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	6132 PERMA DR	05/22/07 3:30 PM	05/22/07 05:45 PM	1 GAL	Sewer Service Line	091C00970000A	MUD IN THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	669008	PROPERTY OWNER CLEANED THE AREA. AFTER THE BACK FLUSHED - MSD'S CLEANING CONTRACTOR CLEANED MUD FROM BASEMENT FLOOR	WORK ORDER 669013 - FLUSHED THE LINE AND OPEN THE SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3723 MAMARONEC	06/28/07 6:30 PM	06/28/07 07:00 PM	10 GAL	Sewer Service Line	091E00340000A	ROOTS AT THE PROPERTY LINE	ROOTS	681412	MSD'S CLEANING CONTRACTOR PERFORMED COURTESY CLEANUP	WORK ORDER #681473 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3708 GREENWICH	06/20/07 11:25 AM	06/20/07 12:23 PM	1 GAL	Sewer Service Line	091E01030000A	IMPROPER HOOK UP AT SHARED JOINT AND ROOTS IN THE SHARED JOINT	STRUCTURAL FAILURE	679996	CUSTOMER STATES THAT HE WILL CLEAN AREA	WORK ORDER # 679992 MSD REMOVED ROOTS, REMOVED THE 2ND CLEANOUT AND REPAIRED THE PROPERTY SERVICE CONNECTION

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MORRIS FORMAN	KY0022411	2829 TYSON PL	11/08/06 3:15 PM	11/08/06 05:30 PM	10 GAL	Sewer Service Line	091E0122000A	HIT ROOTS IN THIS STREET	ROOTS	605436	CLEAN UP WAS OFFERED	EXCAVATED/REPLACED 5' OF 6" PIPE & INSTALLED A 2 WAY CLEANOUT/WO# 605435
MORRIS FORMAN	KY0022411	3835 JUPITER RD	03/17/07 3:00 AM	03/17/07 03:20 AM	1 GAL	Sewer Service Line	091E0276000A	ROOTS AT THE SHARED JOINT	ROOTS	646421	PROPERTY OWNER CLEANED AREA	WORK ORDER #646192 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3831 JUPITER RD	03/01/07 5:00 PM	03/02/07 09:00 AM	1 GAL	Sewer Service Line	091E0278000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	642951	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #642901 - REPAIRED PROPERTY SERVICE, INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3830 JUPITER RD	03/18/07 1:13 PM	03/18/07 02:00 PM	5 GAL	Sewer Service Line	091E0291000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646239	MSD'S CLEANING CONTRACTOR PROVIDED FULL CLEANUP	WORK ORDER #646238 - REPLACED "TYE" WITH A CLEANOUT. WORK ORDER #646359 - ROOT CUT THE MAIN SEWER. WORK ORDER #646626 PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3504 TERRIER LN	04/14/07 2:39 PM	04/14/07 02:40 PM	1 GAL	Sewer Service Line	091G0110000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	657759	CUSTOMER CLEANED AREA	WORK ORDER #657824 - ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #657988 - REPAIR PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3105 MCMAHAN BL	03/27/07 10:45 AM	03/27/07 11:45 AM	1 GAL	Sewer Service Line	091N0131000A	ROOTS IN THE MAIN SEWER	ROOTS	652457	MSD'S CLEANING CONTRACTOR PERFORMED A FULL CLEANUP	WORK ORDER #652653 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3812 HILLCREEK R	06/17/07 12:45 AM	06/17/07 01:05 AM	1 GAL	Sewer Service Line	091P0087000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION.	ROOTS	675846	CUSTOMER CLEANED AREA	WORK ORDER #675848 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1508 WOODLUCK A	11/29/06 5:10 PM	11/29/06 05:22 PM	3 GAL	Sewer Service Line	091R0040000A	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	614845	MSD RETAINED PURVIS CLEANING SERVICE TO FULLY CLEAN AND SANITIZE THE BASEMENT.	WORK ORDER #614844 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION.
MORRIS FORMAN	KY0022411	5519 RIDGECREST	09/18/06 2:13 PM	09/18/06 02:18 PM	10 GAL	Sewer Service Line	09750161000A	MUD AND ROOT BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	641230	PROPERTY OWNER ELECTED TO CLEAN UP OVERFLOW/WILL SETTLE FOR \$50 FOR CLEANING SUPPLIES	PLUMBER CLEARED MUD FROM THE LINE/MSD ROOT CUT AND CLEARED ROOTS FROM THE LINE.
MORRIS FORMAN	KY0022411	5111 ROSETTE BLV	05/09/07 6:55 PM	05/09/07 07:15 PM	1 GAL	Sewer Service Line	09750375000A	ROOTS AT THE HOOK UP AND ROOTS ON PRIVATE PROPERTY	ROOTS	666370	CUSTOMER CLEANED	WORK ORDER # 666428 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. AND INFORMED CUSTOMER TO CONTACT PLUMBER FOR THIER
MORRIS FORMAN	KY0022411	11601 MAPLE WAY	03/22/07 12:57 AM	03/22/07 02:00 AM	100 GAL	Sewer Service Line	09790179000A	CRACKS AND HEAVY ROOTS IN THE MAIN SEWER	ROOTS	647074	MSD'S CLEANING CONTRACTOR PERFORMED FULL CLEANUP	WORK ORDER #343361 - REPLACED 65FT OF 8-IN PIPE TO REPAIR THE SEWER.
MORRIS FORMAN	KY0022411	5510 REVERE DR	05/12/07 4:55 PM	05/12/07 05:10 PM	2 GAL	Sewer Service Line	09930198000A	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	666928	CUSTOMER CLEANED	WORK ORDER #666937 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER#667029 - ROOT CUT THE PROPERTY SERVICE CO
MORRIS FORMAN	KY0022411	5303 ROSETTE BLV	06/15/07 1:15 PM	06/15/07 01:48 PM	1 GAL	Sewer Service Line	09930360000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	675428	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #677754 - #675849 - MSD ROOT CUT, REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2004 LAMBERT CT	01/15/07 6:05 PM	01/15/07 08:05 PM	75 GAL	Sewer Service Line	09960081000A	ROOTS IN MAIN SEWER	ROOTS	630402	CUSTOMER CLEANED AREA	WORK ORDER #630335 - ROOT-CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2021 STRATHMOO	02/24/07 10:05 AM	02/24/07 10:20 AM	1 GAL	Sewer Service Line	100514	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	641754	CUSTOMER CLEANED AREA	WORK ORDER 526540 - REPAIRED THE PROPERETY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3505 SUSANNA DR	08/16/06 6:27 PM	08/16/06 06:32 PM	3 GAL	Sewer Service Line	101243	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	579630	PURVIS CLEANING SER. WAS CALLED TO CLEAN BASEMENT	WO# 579687 INSTALLED CLEANOUT/ WO# 579895 ROOT CUT LINE
MORRIS FORMAN	KY0022411	1609 SUTHERLAND	07/11/06 11:10 PM	07/11/06 11:20 PM	10 GAL	Sewer Service Line	101456	GRAVEL OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	627414	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN, SETTLEMENT REACHED IN THE AMOUNT OF \$475.00 FOR DAMAGES	WO# 577980 MAIN SEWER FLUSHED AND VACTORED
MORRIS FORMAN	KY0022411	3127 TALISMAN RI	03/05/07 11:45 PM	03/06/07 12:05 AM	75 GAL	Sewer Service Line	102130	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643549	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #643656 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	127 E TENNY AVE	11/05/06 11:09 PM	11/06/06 12:02 AM	5 GAL	Sewer Service Line	103100D	OBSTRUCTION	OBSTRUCTION-NOT GREASE / ROOTS	608789	CONTACTED IDS FOR FULL CLEANUP	REPLACED 8 FT OF PSC INSTALLED C/O AT PL

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MORRIS FORMAN	KY0022411	114 BROWN AVE	07/22/06 10:55 PM	07/22/06 11:05 PM	10 GAL	Sewer Service Line	10360	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628522	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	5408 TRACY WAY	05/14/07 4:30 PM	05/14/07 05:30 PM	1 GAL	Sewer Service Line	104055	ROOTS AT THE HOOKUP	ROOTS	667313	CUSTOMER STATES HE WILL CLEAN AREA	MSD PSCR WORK ORDER #667105 - MSD REMOVED THE ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5 THURMAN CT	05/07/07 2:05 PM	05/07/07 02:30 PM	1 GAL	Sewer Service Line	104333	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	664929	CUSTOMER CLEANED AREA	WORK ORDER #665033 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2511 VEENIA AVE	08/26/06 11:14 AM	08/26/06 11:19 AM	10 GAL	Sewer Service Line	105871	HEAVY SOLIDS IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	637656	AREA WASHED DOWN	FLUSHED LINE APPROX. 30' AND GOT IT OPEN
MORRIS FORMAN	KY0022411	2511 VEENIA AVE	06/23/07 12:42 PM	06/23/07 12:42 PM	1 GAL	Sewer Service Line	105871	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	680611	CUSTOMER HAS CLEANED AREA	WORK ORDER #674644 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3042 VOGUE AVE	11/01/06 10:03 AM	11/01/06 10:08 AM	10 GAL	Sewer Service Line	106443	ROOTS IN PROP. SERV. CONN.	ROOTS	629454	AREA WASHED DOWN	ROOT CUT, FLUSHED, AND REPLACED 6' OF 6" SERVICE LINE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	3010 VOGUE AVE	09/28/06 6:00 PM	09/28/06 06:30 PM	4 GAL	Sewer Service Line	106478	ROOTS IN M/S	ROOTS	593073	CONTACTED RAGLAND CLEANING SERVICE FOR CLEAN & SANITIZE ONLY	REFER TO SUPREVISOR TO DIG UP
MORRIS FORMAN	KY0022411	2643 SEMINARY DR	11/14/06 5:51 PM	11/14/06 05:56 PM	40 GAL	Sewer Service Line	106592643	SEE WO#608389-MH#64546-HOLDING WATER-SEE SR#3173210	OBSTRUCTION-NOT GREASE / ROOTS	631480	CLEANUP OFFERED - WO# 608389	WASH DOWN MH IN FRONT OF 2621 SEMINARY DR / SEE WO# 608389
MORRIS FORMAN	KY0022411	2645 SEMINARY DR	11/14/06 6:00 PM	11/14/06 06:05 PM	40 GAL	Sewer Service Line	106592645	MH# 64544 HAD AMOUNT OF UNKNOWN DEBRIS.	OBSTRUCTION-NOT GREASE / ROOTS	631484	AREA WASHED DOWN	VACTORED MANHOLE OF HEAVY DEBRIS
MORRIS FORMAN	KY0022411	1052 WAGNER ST	02/16/07 5:45 PM	02/16/07 06:30 PM	1 GAL	Sewer Service Line	106777	2 WATER CO. SERVICES GOING THROUGH MSD PORTION OF PROPERTY SERVICE CONNECTION.	UTILITY DAMAGED MSD ASSET	639041	CLEANED BY CUSTOMER	WORK ORDER # 639040 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	968 VINE ST	03/21/07 11:00 AM	03/21/07 12:12 PM	1 GAL	Sewer Service Line	107243	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	646803	CUSTOMER CLEANED THE AREA	WORK ORDERS 646845 AND 646844 - FLUSHED AND ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	520 WASHBURN AVE	05/25/07 8:05 PM	05/25/07 09:00 PM	20 GAL	Sewer Service Line	108280D	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	671286	CUSTOMER ELECTED TO CLEAN	WORK ORDER #671285 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	309 WENDOVER AVE	05/08/07 5:01 PM	05/08/07 05:30 PM	2 GAL	Sewer Service Line	108895D	ROOTS ON MSD PORTION OF PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	665148	CUSTOMER HAS CLEANED AREA	WORK ORDER #665120 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2215 WEBER AVE	12/25/06 4:35 PM	12/25/06 04:57 PM	5 GAL	Sewer Service Line	109114	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	624973	MSD ADVISED PROPERTY OWNER TO CLEAN AREA	WORK ORDER#624972 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #626258 - SLIP LINE 15 FT
MORRIS FORMAN	KY0022411	2215 WEBER AVE	02/27/07 12:30 PM	02/27/07 02:00 PM	1 GAL	Sewer Service Line	109114	MSD'S PROPERTY SERVICE CONNECTION IS BROKE AT THE MAIN SEWER	STRUCTURAL FAILURE	642213	CUSTOMER CLEANED THE AREA	WORK ORDER #642167 - REPLACED 16 FEET OF STORM LINE AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT VAULT
MORRIS FORMAN	KY0022411	3037 WEDGEWOOD	03/26/07 11:40 AM	03/26/07 12:05 PM	1 GAL	Sewer Service Line	109222	ROOTS AT THE SHARED JOINT	ROOTS	647661	CUSTOMER CLEANED	WORK ORDER #652243 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1215 WELLER AVE	01/22/07 12:05 PM	01/22/07 12:45 PM	5 GAL	Sewer Service Line	109645	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632165	CUSTOMER CLEANED AREA	WORK ORDER #632164 - REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	5407 WESTHALL AVE	08/17/06 11:54 AM	08/17/06 12:04 PM	10 GAL	Sewer Service Line	110050	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630056	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND BATHROOM FACILITY	WO# 579838 ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	4187 WESTPORT RD	11/08/06 2:10 PM	11/08/06 02:15 PM	10 GAL	Sewer Service Line	110211	PROPERTY SERVICE CONNECTION 1/2 FULL OF MUD	OBSTRUCTION-NOT GREASE / ROOTS	630548	AREA WASHED DOWN	EXCAVATED/REPLACED 10' OF PIPE & INSTALLED 2 WAY CLEANOUT. WO# 605632

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4161 WESTPORT RD	12/05/06 4:02 PM	12/05/06 04:07 PM	10 GAL	Sewer Service Line	110216	ROOTS IN PROPERTY SERVICE CONNECTION AND IN MAIN SEWER	ROOTS	631953	PROPERTY OWNER CLEANED AREA	WORK ORDER #616487 ROOT CUT, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	4163 WESTPORT RD	11/29/06 4:57 PM	11/29/06 05:02 PM	2 GAL	Sewer Service Line	110219	ROOTS IN PROP SERV CONN	ROOTS	631509	AREA WASHED DOWN	WO# 614878 ROOT CUT LINE, REPLACED 6' OF 6" PIPE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4159 WESTPORT RD	12/08/06 6:25 PM	12/08/06 06:30 PM	1 GAL	Sewer Service Line	110246	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	618572	PROPERTY NOT HOME AT TIME OF INSPECTION	WORK ORDER #618060 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	508 WESTWOOD DR	06/06/07 4:30 PM	06/06/07 04:50 PM	1 GAL	Sewer Service Line	110298	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672925	CUSTOMER CLEANED AREA	WORK ORDER #673304 & #673059 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	326 BILTMORE RD	01/21/07 2:50 PM	01/21/07 03:30 PM	25 GAL	Sewer Service Line	11046	ROOTS IN MAIN SEWER	ROOTS	631902	CUSTOMER CLEANED AND SANITIZED	ADVISED PROPERTY OWNER TO CONTACT PLUMBER FOR REPAIRS. WORK ORDER #634352 - MSD ROOT CUT MAIN SEWER 400FT
MORRIS FORMAN	KY0022411	2007 WILSON AVE	03/27/07 6:00 PM	03/27/07 07:00 PM	1 GAL	Sewer Service Line	111548	PIPE BROKEN ON MSD'S SIDE	STRUCTURAL FAILURE	652468	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #652456 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4019 WIMPOLE RD	08/20/06 10:33 AM	08/20/06 10:43 AM	10 GAL	Sewer Service Line	111867	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630349	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2732 BARDSTOWN	04/03/07 4:15 PM	04/03/07 05:15 PM	1 GAL	Sewer Service Line	112811	ROOTS IN THE MAIN SEWER	ROOTS	653928	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #653827 - MSD ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	2149 WINSTON AV	07/05/06 2:47 PM	07/05/06 03:00 PM	10 GAL	Sewer Service Line	112842	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627240	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN IN BASEMENT	EXCAVATED LINE, ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	1921 WOODBOURN	01/31/07 11:30 AM	01/31/07 12:59 PM	1 GAL	Sewer Service Line	113024	ROOTS IN PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	634482	PROPERTY OWNER CLEANED UP.	WORK ORDER#634768 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2125 WOODBOURN	12/27/06 9:44 AM	12/27/06 09:49 AM	10 GAL	Sewer Service Line	113158	ROOTS IN STACK	ROOTS	632104	CUSTOMER CLEANED AREA	WORK ORDER #626223 - REPLACED 4FT OF THE STACK/REVERSE FLUSHED
MORRIS FORMAN	KY0022411	2140 WOODBOURN	03/27/07 4:00 PM	03/27/07 05:30 PM	1 GAL	Sewer Service Line	113204	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	652464	PROPERTY OWNER CLEANED THE AREA	WORK ORDERS 652462 AND 652606 - FLUSH AND ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2300 WOODBOURN	02/13/07 1:15 PM	02/13/07 02:00 PM	1 GAL	Sewer Service Line	113447D	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638436	THE PROPERTY OWNER CLEANED THE AREA	WORK ORDER #638344 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2144 WOODFORD F	09/27/06 11:28 AM	09/27/06 11:33 AM	10 GAL	Sewer Service Line	114022	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	638289	AREA WASHED DOWN	WO# 592676 ROOT CUT LINE AND REPLACED 4' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
MORRIS FORMAN	KY0022411	3226 WREN RD	04/05/07 7:10 PM	04/05/07 07:35 PM	2 GAL	Sewer Service Line	114302	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	654404	CUSTOMER CLEANED	WORK ORDER #654669 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2905 GLEN HILL CT	08/03/06 6:10 PM	08/03/06 07:33 PM	15 GAL	Sewer Service Line	114642905	UNDETERMINE AT TIME OF INSPECTION	ROOTS	577403	MSD CONTRACTOR CLEANING COMPANY CLEANED AND DISINFECTED THE AREA AROUND THE OVERFLOW SITE.	WORK ORDER #577400 - MSD FLUSHED THE LINE TO CLEAR THE OBSTRUCTION.
MORRIS FORMAN	KY0022411	1035 ZORN AVE	09/07/06 11:00 PM	09/08/06 12:55 AM	6 GAL	Sewer Service Line	116154	OBSTRUCTION	OBSTRUCTION-NOT GREASE / ROOTS	586486	CLAIM WORK ORDER #586799, MSD'S PROFESSIONAL CLEANUP SERVICES CLEANED THE AREA	WORK ORDER NO. 586771, MSD FLUSHED THE PSC AND GOT THE LINE FLOWING
MORRIS FORMAN	KY0022411	1829 S 3RD ST	12/15/06 8:40 AM	12/15/06 08:45 AM	10 GAL	Sewer Service Line	117359D	ROOTS ON MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632033	CUSTOMER CLEANED AREA	WORK ORDER # 620094 ROOT CUT LINE
MORRIS FORMAN	KY0022411	1900 S 3RD ST	08/31/06 9:28 AM	08/31/06 09:38 AM	10 GAL	Sewer Service Line	117391	GREASE IN MAIN SEWER	GREASE BLOCKAGE	632243	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	FLUSHED AND VACTORED 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	455 S 4TH ST	08/29/06 12:09 PM	08/29/06 12:19 PM	10 GAL	Sewer Service Line	118529	BLOCKAGE AT MAIN SEWER / PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	632135	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	REMOVED BLOCKAGE, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TY FOR CLEANOUT
MORRIS FORMAN	KY0022411	2626 S 5TH ST	03/26/07 2:15 PM	03/26/07 02:55 PM	1 GAL	Sewer Service Line	118904	ROOTS ON PRIVATE PROPERTY AND MODERATE ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652258	CUSTOMER ALREADY CLEANED AREA	WORK ORDER#652331 - MSD INSTALLED A 2-WAY CLEANOUT. MSD ADVISED CUSTOMER TO CONTACT PLUMBER FOR REPAIRS ON THEIR SIDE
MORRIS FORMAN	KY0022411	4837 S 4TH ST	09/05/06 3:14 PM	09/05/06 03:24 PM	10 GAL	Sewer Service Line	119642	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634898	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	5005 S 4TH ST	11/21/06 12:44 PM	11/21/06 12:49 PM	10 GAL	Sewer Service Line	119689	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631287	CUSTOMER NOT AT HOME AT TIME OF INSPECTION	WORK ORDER #611785 ROOT CUT; WORK ORDER #611742 FLUSHED AND REPAIRED PROPERTY SERVICE CONNECTION AND INSTALL A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	623 S 19TH ST	03/05/07 1:20 PM	03/05/07 02:00 PM	1 GAL	Sewer Service Line	123136	GREASE AND DEBRIS IN MSD'S PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	643464	CUSTOMER CLEANED AREA	WORK ORDER #643463 - REPAIRED PROPERTY SERVICE CONNECTION, INSTALLED A 45 DEGREE ELBOW BEND AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4090 SHELBYVILLE	06/22/07 1:15 PM	06/22/07 02:45 PM	1 GAL	Sewer Service Line	12378	BLOCKAGE IN THE SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	680549	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #680547 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1728 S 22ND ST	08/10/06 10:23 AM	08/10/06 10:33 AM	10 GAL	Sewer Service Line	123888	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629394	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	WO# 578198 ROOT CUT, WO# 578208 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	1219 WITAWANGA	10/23/06 3:01 PM	10/23/06 03:06 PM	10 GAL	Sewer Service Line	125651219	BLOCKAGE IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	629179	AREA WASHED DOWN	WO# 599446 REPLACED 4' OF 4" PIPE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	1047 S 32ND ST	11/28/06 3:25 PM	11/28/06 03:30 PM	10 GAL	Sewer Service Line	126177	PROP SERV CONN WAS CAVED IN	STRUCTURAL FAILURE	631457	AREA WASHED DOWN	WO# 614820 INSTALLED 5' OF 4" PIPE
MORRIS FORMAN	KY0022411	1432 S 32ND ST	08/20/06 12:04 PM	08/20/06 12:09 PM	10 GAL	Sewer Service Line	126326	PROP. SERV. CONN. COLLAPSED	STRUCTURAL FAILURE	635729	AREA WASHED DOWN	INSTALLED NEW PROP. SERV. CONN.
MORRIS FORMAN	KY0022411	643 N BIRCHWOOD	09/16/06 12:18 PM	09/16/06 12:23 PM	10 GAL	Sewer Service Line	12669D	ROOTS	ROOTS	638758	PROPERTY OWNER ELECTED TO CLEAN UP OVERFLOW	REMOVED ROOTS AT P/L AND REPLACED TAP, INSTALLED 12' OF 6" PIPE AND 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	421 S 34TH ST	06/30/07 11:18 AM	06/30/07 12:45 PM	50 GAL	Sewer Service Line	126772	MASSIVE ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	682509	MSD'S CLEANING CONTRACTOR PROVIDED FULL CLEANUP	WORK ORDER #682898 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT FOR 423 & 421
MORRIS FORMAN	KY0022411	211 N 35TH ST	07/18/06 5:45 PM	07/18/06 05:50 PM	10 GAL	Sewer Service Line	127097	HEAVY SOLIDS IN PROP. SERV. CONN.	OBSTRUCTION-NOT GREASE / ROOTS	634995	AREA WASHED DOWN	FLUSHED SERVICE LINE
MORRIS FORMAN	KY0022411	1707 HAROLD AVE	03/29/07 5:20 PM	03/29/07 08:00 PM	1 GAL	Sewer Service Line	1273247	BELL FITTINGS WAS LOOSE ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	652924	CUSTOMER CLEANED THE AREA	WORK ORDER 652910 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	249 S 43RD ST	02/05/07 4:10 PM	02/05/07 04:50 PM	2 GAL	Sewer Service Line	129794	ROOTS AT THE SHARED JOINT	ROOTS	635587	CUSTOMER CLEANED AREA	WORK ORDER #636781 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	910 S 43RD ST	07/17/06 12:04 PM	07/17/06 12:09 PM	10 GAL	Sewer Service Line	130030D	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637765	AREA WASHED DOWN	WO# 572074 ROOT CUT/ WO# 571968 REPLACED 6' OF 6" PIPE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	128 N 46TH ST	02/15/07 2:40 PM	02/15/07 03:20 PM	15 GAL	Sewer Service Line	130506	LOUISVILLE GAS & ELECTRIC COMPANY BROKE PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	638801	INFORMED CUSTOMER THAT WE HAVE AREA CLEANED ONCE BLOCKAGE IS RELIEVED.	WORK ORDER # 638765 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3021 BOBOLINK RD	04/10/07 9:30 AM	04/10/07 10:30 AM	1 GAL	Sewer Service Line	131180	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655343	CUSTOMER CLEANED AREA	REPAIR WORK ORDER #655530 - CUSTOMER HAS DOGS IN YARD, LEFT MSD THAT MSD WILL NOT MAKE REPAIRS UNTIL THE DOGS HAVE BEEN PUT AWAY
MORRIS FORMAN	KY0022411	11102 BERWICK PL	02/15/07 12:15 PM	02/15/07 01:00 PM	1 GAL	Sewer Service Line	131543	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	638741	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #638764 - REPAIRED PROPERTY SERVICE CONNECTION. WORK ORDER #639071 - FLUSHED PROPERTY SERVICE CONNECTION TOWARDS THE MAIN

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MORRIS FORMAN	KY0022411	406 WILLENHALL	06/23/07 2:33 PM	06/23/07 02:33 PM	1 GAL	Sewer Service Line	132207D	ROOTS IN THE MAIN SEWER	ROOTS	680620	CUSTOMER CLEANED AREA	WORK ORDER #680747 - MSD ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	117 N HUBBARDS L	03/24/07 3:30 PM	03/24/07 05:10 PM	1 GAL	Sewer Service Line	133044	MSD'S LINE IS LAYING FLAT - ALSO ROOTS AND SLUDGE IN MSD'S PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	647530	CUSTOMER CLEANED	WORK ORDER #647540 - RELAIED 10FT OF PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	946 BURTON AVE	11/09/06 4:26 PM	11/09/06 04:31 PM	10 GAL	Sewer Service Line	13312	STRUCTURAL DAMAGE/POSSIBLY DAMAGED BY LG&E OR LG&E CONTRACTOR/SEE WO# 607769	STRUCTURAL FAILURE	631238	AREA WASHED DOWN	INSTALLED 8' OF 6" PVC
MORRIS FORMAN	KY0022411	2268 BRADFORD D	06/29/07 12:00 PM	06/29/07 12:30 PM	1 GAL	Sewer Service Line	13346	ROOTS ON MSD PORTION OF THE PROPERTY SERVICE CONNECTION.	ROOTS	681504	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #681505 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2261 BRADFORD D	10/23/06 9:23 AM	10/23/06 09:28 AM	10 GAL	Sewer Service Line	13376	ROOTS IN LINE	ROOTS	629148	AREA WASHED DOWN	WO# 599328 ROOT CUT LINE, REPLACED 6' OF 6" PIPE WITHE A 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	3605 NORBOURNE	05/19/07 11:43 AM	05/19/07 11:43 AM	1 GAL	Sewer Service Line	133936	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	668488	NO ONE HOME AT TIME OF INSPECTION	WORK ORDER#668646 - FLUSHED THE PROPERTY SERVICE CONNECTION AND GOT LINE OPEN
MORRIS FORMAN	KY0022411	717 BURTON AVE	05/02/07 4:05 PM	05/02/07 04:50 PM	1 GAL	Sewer Service Line	13436	MSD'S PROPERTY SERVICE CONNECTION HAS COLLASPED IN FRONT OF THE MAIN SEWER	STRUCTURAL FAILURE	664170	CUSTOMER ALREADY CLEANED AREA	WORK ORDER#664210 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	7806 LESANE DR	07/15/06 9:09 AM	07/15/06 09:09 AM	10 GAL	Sewer Service Line	135703480000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	635474	CUSTOMER SUBMITTED DAMAGE CLAIM	GENERATOR PLACED AT SCOTTSDALE PS, WO # 571622
MORRIS FORMAN	KY0022411	1605 S 32ND ST	06/14/07 6:00 PM	06/14/07 06:25 PM	10 GAL	Sewer Service Line	1394724	MSD'S PROPERTY SERVICE CONNECTION WAS RIPPED OUT BY THE LWC WHILE INSTALLING THE WATER MAIN	UTILITY DAMAGED MSD ASSET	683547	CUSTOMER CLEANED AREA	CUSTOMER SIGNED A STOP UP WAIVER. MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT. MSD WILL BILL LWC FOR REPAIRS
MORRIS FORMAN	KY0022411	532 CALDWELL ST	08/21/06 12:38 PM	08/21/06 12:48 PM	10 GAL	Sewer Service Line	13965	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630491	PROPERTY OWNER CLEANED AREA AROUND SINK AND BATHROOM FACILITY	ROOT CUT, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	4201 SHADY VILLA	01/16/07 3:50 PM	01/16/07 07:15 PM	1 GAL	Sewer Service Line	139937	ROOTS IN MSD'S CLEANOUT	ROOTS	633739	TENANT HAS CLEANED THE AREA	WORK ORDER #630947 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1604 CHEROKEE R	08/21/06 11:07 AM	08/21/06 11:12 AM	0 GAL	Sewer Service Line	142300D	SEWER MAIN COLLAPSED	STRUCTURAL FAILURE	635820	AREA WASHED DOWN	REPLACED 9' OF MAIN AND VACTORED AND FLUSHED SEWER MAIN
MORRIS FORMAN	KY0022411	3945 KENNISON AV	11/21/06 12:59 PM	11/21/06 01:04 PM	10 GAL	Sewer Service Line	143208	ROOTS IN PROP SERV CONN	ROOTS	634345	AREA WASHED DOWN	WO# 612318 ROOT CUT LINE/ WO# 611811 REPLACED 12' OF 6" PIPE AND INSTALLED 2-WAY CLEAN OUT.
MORRIS FORMAN	KY0022411	1659 ALMARA CIR	04/30/07 9:00 AM	04/30/07 10:00 AM	1 GAL	Sewer Service Line	1442	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663610	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #664083 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION; WORK ORDER #663557 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY
MORRIS FORMAN	KY0022411	2515 HURSTBOURN	03/28/07 9:20 PM	03/28/07 10:20 PM	1 GAL	Sewer Service Line	144404A	HEAVY DEBRIS AND SOLIDS WITH MASSIVE PAPER PRODUCTS IN MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	652880	CUSTOMER CLEANED AREA	WORK ORDERS 652748 AND 652749 - VACTORED MAIN SEWER LINE SEGMENT OF DEBRIS
MORRIS FORMAN	KY0022411	604 N HITE AVE	10/27/06 11:24 AM	10/27/06 11:29 AM	10 GAL	Sewer Manhole	14537	ROOTS	ROOTS	630895	AREA WASHED DOWN	ROOT CUT/SEE WO #602120
MORRIS FORMAN	KY0022411	1850 S HURSTBOUR	12/10/06 12:30 AM	12/10/06 02:07 AM	2 GAL	Sewer Service Line	149511808	GREASE BLOCKAGE IN MANHOLE	GREASE BLOCKAGE	618619	CUSTOMER CLEANED THE AREA	WORK ORDER #618618 - FLUSHED MANHOLE 300 FEET AND GOT LINE OPEN; REFERRED TO IWD TO INVESTIGATE SOURCE OF GREASE
MORRIS FORMAN	KY0022411	803 S 45TH ST	12/25/06 5:30 PM	12/25/06 05:57 PM	15 GAL	Sewer Service Line	150294	ROOTS AT PROPERTY SERVICE CONNECTION AT THE SIDEWALK	ROOTS	624978	PROPERTY OWNER HAS CLEANED THE BASEMENT - REIMBURSED PROPERTY OWNER FOR CLEANING	WORK ORDER #626541-ROOT CUT 20FT TO MAIN SEWER. WORK ORDER# 624976 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	615 MARYHILL LN	10/26/06 11:13 AM	10/26/06 11:18 AM	10 GAL	Sewer Service Line	152500530000A	DEBRIS IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	629285	AREA WASHED DOWN	WO# 600349 ROOT CUT LINE, REPLACED 8' OF 6" PIPE AND ADDED 2-WAY CLEAN OUT

**APPENDIX D
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1029 THRUSTON A	04/16/07 11:05 AM	04/16/07 02:00 PM	1 GAL	Sewer Service Line	154126	MAIN SEWER OBSTRUCTED WITH ROOTS	ROOTS	658076	CUSTOMER HAS CLEANED AREA	WORK ORDER #658083 - FLUSH MAIN SEWER; WORK ORDER #658084 - ROOT CUT MAIN SEWER; WORK ORDER #658085 - VACTOR MAIN SEWER
MORRIS FORMAN	KY0022411	7612 LANCELOT C	07/22/06 1:22 PM	07/22/06 01:32 PM	10 GAL	Sewer Service Line	156201030000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628512	PROPERTY OWNER CLEANED AFFECTED AREA	ROOT CUT, REPLACED 3 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	1007 SIR LANCELO	11/27/06 2:55 PM	11/27/06 03:00 PM	10 GAL	Sewer Service Line	156201200000A	ROOTS IN PROP SERV CONN	ROOTS	631327	AREA WASHED DOWN	WO# 614980 ROOT CUT LINE/ WO# 612360 REPLACED 5' OF 6" PIPE AND INSTALLED A2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	210 BRAMTON RD	07/14/06 3:34 PM	07/14/06 03:44 PM	2 GAL	Sewer Service Line	15626	ROOTS IN MAIN SEWER	ROOTS	630333	THIRD PARTY CLEANING SERVICE CLEANED AREA AROUND SUMP PUMP	ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2918 CANNONS LN	11/02/06 1:06 PM	11/02/06 01:11 PM	10 GAL	Sewer Service Line	15659	ROOTS IN PROP. SERV. CONN.	ROOTS	629544	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF 6" SERVICE LINE AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8002 GREENHURST	06/04/07 9:15 PM	06/04/07 10:00 PM	1 GAL	Sewer Service Line	156635	PROPERTY SERVICE CONNECTION WAS OFFSET	STRUCTURAL FAILURE	672657	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #672573 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2907 CANNONS LN	11/02/06 5:13 PM	11/02/06 05:18 PM	10 GAL	Sewer Service Line	15765	ROOTS IN PROP. SERV. CONN.	ROOTS	629703	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF SERVICE LINE WITH CLEANOUT
MORRIS FORMAN	KY0022411	5903 CROFT CT	09/30/06 12:25 PM	09/30/06 01:15 PM	20 GAL	Sewer Service Line	158733	OBSTRUCTION	OBSTRUCTION-NOT GREASE / ROOTS	593410	CLAIM WORK ORDER NO	
MORRIS FORMAN	KY0022411	8600 BLOSSOM LN	02/16/07 7:30 PM	02/16/07 08:34 PM	2 GAL	Sewer Service Line	159213	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	639043	CUSTOMER CLEANED AREA.	WORK ORDER #639063 - REPLACED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	6209 SERENITY CT	11/05/06 11:25 AM	11/05/06 11:30 AM	10 GAL	Sewer Service Line	159860	ROOTS IN MAIN SEWER, AND GREASE IN PROP. SERV. CONN.	ROOTS	630471	AREA WASHED DOWN	ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	3814 THERINA WA	05/14/07 3:11 PM	05/14/07 06:19 PM	1 GAL	Sewer Service Line	160600240000A	FOUND ROOTS AT THE SHARED JOINT	ROOTS	667104	CUSTOMER HAD CLEANED AREA	WORK ORDER #667178 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3809 DEBSOM WA	04/04/07 9:30 AM	04/04/07 10:29 AM	1 GAL	Sewer Service Line	160601010000A	ROOTS IN MAIN SEWER	ROOTS	654042	CUSTOMER CLEANED THE AREA	WORK ORDER 654282 - REPLACED 5FEET OF PIPE IN THE MAIN SEWER
MORRIS FORMAN	KY0022411	4520 ROBARDS LN	10/09/06 9:09 AM	10/09/06 11:45 AM	1 GAL	Sewer Service Line	161387	OBSTRUCTION OF DEBRIS	OBSTRUCTION-NOT GREASE / ROOTS	608031	FLUSH WO#595747 AND DISCLN WO#595748	PSCR WO#595581 TO REMOVE DEBRIS
MORRIS FORMAN	KY0022411	726 S PRESTON ST	10/04/06 8:50 AM	10/04/06 11:20 AM	10 GAL	Sewer Service Line	162998	PUMP FAILURE	STRUCTURAL FAILURE	594679	OWNER CLEANED UP AREA	ISSUE WAS RESOLVED
MORRIS FORMAN	KY0022411	1004 AMBRIDGE D	11/09/06 4:14 PM	11/09/06 04:19 PM	10 GAL	Sewer Service Line	163401910000A	ROOTS	ROOTS	631222	AREA WASHED DOWN	EXCAVATED/ROOT CUT LINE BOTH WAYS/REPLACED 8' OF 6" AND INSTALLED 2 WAY CLEANOUT.
MORRIS FORMAN	KY0022411	3322 CORNELIA DR	04/09/07 4:15 PM	04/09/07 05:27 PM	1 GAL	Sewer Service Line	164009	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	OBSTRUCTION-NOT GREASE / ROOTS	655222	CUSTOMER CLEANED THE AREA	WORK ORDER 655237 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4123 DAVCO WAY	10/25/06 11:05 AM	10/25/06 11:10 AM	10 GAL	Sewer Service Line	165001370000A	ROOTS IN LINE	ROOTS	629270	AREA WASHED DOWN	WO# 599948 REPLACED 8' OF 6" PIPE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	1795 WILART DR	02/26/07 11:05 AM	02/26/07 12:30 PM	1 GAL	Sewer Service Line	165518	ROOTS ON BOTH PARTIES IN THE PROPERTY SERVICE CONNECTION	ROOTS	641935	CUSTOMER CLEANED AREA	WORK ORDER #641937 ROOT CUT MSD PORTION OF THE PROPERTY SERVICE CONNECTION ALSO INFORMED CUSTOMER TO CONTACT A PLUMBER FOR ROOTS ON THEIR PORTION.
MORRIS FORMAN	KY0022411	4932 GARDEN GRE	08/15/06 9:30 PM	08/15/06 09:40 PM	10 GAL	Sewer Service Line	165756	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629989	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	WO# 579575 ROOT CUT, WO# 579516 INSTALLED TWO WAY CLEANOUT

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MORRIS FORMAN	KY0022411	2413 HAYWARD RD	04/19/07 9:00 AM	04/19/07 10:06 AM	1 GAL	Sewer Service Line	166100980000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	658625	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #658623 - MSD'S OPEN THE LINE AND INSTALLED A 2-WAY CLEANOUT. PLUMBER IS REPLACING CUSTOMER'S LINE.
MORRIS FORMAN	KY0022411	5909 APACHE RD	01/17/07 3:30 PM	01/17/07 03:53 PM	1 GAL	Sewer Service Line	166201050000A	ROOTS AT PROPERTY SERVICE CONNECTION	ROOTS	631132	MSD'S CONTRACTOR CLEANED AREA	ROOT CUT WORK ORDER #631250, FLUSH WORK ORDER #631140 AND WORK ORDER #631276 INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4929 RAVEN RD	05/18/07 9:30 AM	05/18/07 10:45 AM	1 GAL	Sewer Service Line	167440	FAILED SLIP LINE	STRUCTURAL FAILURE	668259	CUSTOMER HAS ALREADY CLEANED AREA	WORK ORDER # 668257 - ROOT CUT THE PROPERTY SERVICE CONNECTION AND REMOVED THE SLIP LINE
MORRIS FORMAN	KY0022411	1308 HOLSWORTH	07/19/06 3:01 PM	07/19/06 03:06 PM	10 GAL	Sewer Service Line	168100380000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637777	AREA WASHED DOWN	WO# 572225 REPLACED 7' OF 6" PIPE
MORRIS FORMAN	KY0022411	1308 HOLSWORTH	04/12/07 9:10 PM	04/12/07 10:00 PM	25 GAL	Sewer Service Line	168100380000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	657434	MSD'S CLEANING CONTRACTOR	WORK ORDER #657955 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4215 MACHUPE DR	01/16/07 12:00 AM	01/17/07 12:46 PM	30 GAL	Sewer Service Line	168802630000A	ROOTS IN THE MAIN SEWER	ROOTS	633730	MSD'S CONTRACTOR PERFORMED FULL CLEAN UP	WORK ORDER #630494 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	9105 NOTTINGHAM	06/15/07 9:45 AM	06/15/07 11:45 AM	1 GAL	Sewer Service Line	169164	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	675787	MSD'S CLEANING CONTRACTOR PERFORMED CLEANUP	WORK ORDER #678732 & 675422 - MSD ROOT CUT, REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	120 COLONIAL DR	06/27/07 11:45 AM	06/27/07 12:45 PM	1 GAL	Sewer Service Line	170331	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	681151	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #681126 - MSD ROOT CUT THE SERVICE CONNECTION AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	909 PERRYMAN RD	12/08/06 2:41 PM	12/08/06 02:46 PM	10 GAL	Sewer Service Line	171803	ROOTS IN MSD'S SIDE OF THE PROPERTY SERVICE CONNECTION	ROOTS	632006	PROPERTY OWNER CLEANED AREA	WORK ORDER #618566 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4244 MIDDLEBROOK	12/14/06 2:28 PM	12/14/06 02:33 PM	10 GAL	Sewer Service Line	171902	ROOTS AT THE SHARED JOINT	ROOTS	632029	PROPERTY NOT AT HOME AT TIME OF INSPECTION	WORK ORDER #619964 - REPLACED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	6820 CROSSMOOR	09/29/06 10:51 AM	09/29/06 10:56 AM	10 GAL	Sewer Service Line	172300520000A	ROOTS IN PROP. SERV. CONN.	ROOTS	638329	AREA WASHED DOWN	ROOT CUT, FLUSHED, AND REPLACED 8' OF SERVICE LINE AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	400 BAKERS LN	04/04/07 2:30 PM	04/04/07 08:30 PM	20 GAL	Sewer Service Line	172515	HEAVY DEBRIS IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	654185	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER 654187 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	8006 STONEMEADOW	09/07/06 12:15 PM	09/07/06 12:39 PM	0 GAL	Sewer Service Line	172778	OBSTRUCTION DUE TO MAIN SEWER BEING CLEANED OUT	OBSTRUCTION-NOT GREASE / ROOTS	588466	P/O HAD CLEANED UP.	NONE NEEDED
MORRIS FORMAN	KY0022411	2811 MEADOW DR	06/16/07 1:50 PM	06/19/07 03:00 PM	1 GAL	Sewer Service Line	173386	ROOTS ON MSD PORTION OF SERVICE LINE	ROOTS	678646	CUSTOMER CLEANED AREA	WORK ORDERS #678723 & #675827 - MSD ROOT CUT, REPAIRED THE PROPERTY CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5103 MONTICELLO	05/14/07 3:45 PM	05/14/07 04:30 PM	1 GAL	Sewer Service Line	173455	ROOTS AT THE SHARED JOINT	ROOTS	667112	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #667086 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5204 MONTICELLO	12/11/06 9:54 AM	12/11/06 09:59 AM	10 GAL	Sewer Service Line	173470	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631597	CUSTOMER CLEANED AREA	WO# 618810 ROOT CUT LINE, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3508 W BROADWAY	07/24/06 10:10 AM	07/24/06 10:20 AM	10 GAL	Sewer Service Line	17366	ROOTS IN PROP. SERV. CONN.	ROOTS	635546	P/O CLEANED AREA	ROOT CUT AND REPLACED 6' OF 6" SERVICE LINE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	4907 RURAL WAY	07/31/06 8:27 AM	07/31/06 08:37 AM	10 GAL	Sewer Service Line	173759	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628630	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	5013 LIVELY CT	04/26/07 10:05 AM	04/26/07 11:00 AM	1 GAL	Sewer Service Line	173865	ROOTS AT SHARED JOINT	ROOTS	661409	CUSTOMER ALREADY CLEANED AREA	WORK ORDER #661407 - REPAIRED THE PROPERTY SERVICE AND INSTALLED 2-WAY CLEANOUT

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MORRIS FORMAN	KY0022411	9606 TAMARISK PH	06/04/07 1:30 PM	06/04/07 02:30 PM	3 GAL	Sewer Service Line	174001250000A	ROOTS IN THE STUB	ROOTS	672577	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #672537 - MSD ROOT CUT THE STUB AND GOT LINE OPEN
MORRIS FORMAN	KY0022411	3502 HUON DR	08/25/06 3:09 PM	08/25/06 03:19 PM	10 GAL	Sewer Service Line	176061	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631261	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN.	FLUSHED, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT.
MORRIS FORMAN	KY0022411	9820 MEADOW VA	09/05/06 12:00 AM	09/06/06 04:18 PM		Sewer Service Line	176494	ROOT OBSTRUCTION	ROOTS	588245		WORK ORDER NO. 586266, MSD ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	9820 MEADOW VA	03/01/07 10:13 PM	03/01/07 10:22 PM	10 GAL	Sewer Service Line	176494	DUE TO RAIN EVENT MSD MAIN SEWER WAS UNDER SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	642871	MSD OFFERED A COURTESY CLEAN-UP THE CUSTOMER ACCEPTED	MSD ADVISED PROPERTY OWNER TO CONTACT PLUMBER IF THEY ARE STILL HAVING PROBLEMS
MORRIS FORMAN	KY0022411	3502 TRAIL RIDGE	05/11/07 6:20 PM	05/11/07 07:00 PM	1 GAL	Sewer Service Line	176500300000A	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	666876	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 666917 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5306 TUPELO PASS	11/02/06 5:28 PM	11/02/06 05:33 PM	10 GAL	Sewer Service Line	177474	ROOTS IN PROP. SERV. CONN.	ROOTS	629704	AREA WASHED DOWN	ROOT CUT AND REPLACED 8' OF 6" PVC WITH A 2-WAY CLEANOUT VAULT
MORRIS FORMAN	KY0022411	1011 GIRARD DR	06/15/07 2:15 PM	06/15/07 03:15 PM	1 GAL	Sewer Service Line	177936	BLOCKAGE MAIN SEWER AND ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE / ROOTS	675792	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #675437 - MSD ROOT CUT THE MAIN SEWER. THE PLUMBER OPEN THE SERVICE CONNECTION FOR THE PROPERTY OWNER.
MORRIS FORMAN	KY0022411	243 W ESPLANADE	07/27/06 2:19 PM	07/27/06 02:30 PM	10 GAL	Sewer Service Line	179216	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628602	PROPERTY OWNER CLEANED FIRST FLOOR BATHROOM FACILITY	ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	9805 LANESBORO	03/27/07 9:57 PM	03/27/07 09:57 PM	15 GAL	Sewer Service Line	179517	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	652481	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #652625 - INSTALLED A TEE WYE AND INSTALLED A CLEANOUT. WORK ORDER #652867 - ROOT CUT
MORRIS FORMAN	KY0022411	9809 LANESBORO	04/25/07 10:30 AM	04/25/07 11:45 AM	1 GAL	Sewer Service Line	179519	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	661294	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 514011 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	7813 LESANE DR	07/15/06 6:00 AM	07/17/06 02:39 PM	100 GAL	Sewer Service Line	180185	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627773	DAMAGE CLAIM SUBMITTED FOR CLEANUP	CLEANING SERVICE CONTACTED, GENERATOR PLACED, WO # 571622
MORRIS FORMAN	KY0022411	7809 LESANE DR	07/15/06 7:53 AM	08/17/06 02:45 PM	100 GAL	Sewer Service Line	180187	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627784	PROPERTY OWNER SUBMITTED DAMAGE CLAIM FOR CLEANING SERVICES	CLEANING SERVICE CONTACTED, GENERATOR PLACED, WO #571622
MORRIS FORMAN	KY0022411	7805 LESANE DR	07/15/06 3:59 PM	08/31/06 02:41 PM	100 GAL	Sewer Service Line	180189	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627761	CUSTOMER SUBMITTED DAMAGE CLAIM	CLEANING SERVICE CONTACTED, GENERATOR PLACED, WO# 571622
MORRIS FORMAN	KY0022411	7801 LESANE DR	07/15/06 9:13 AM	08/17/06 02:54 PM	100 GAL	Sewer Service Line	180191	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627791	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	CLEANING SERVICE CONTACTED
MORRIS FORMAN	KY0022411	7801 LESANE DR	07/15/06 9:56 AM	07/15/06 10:01 AM	10 GAL	Sewer Service Line	180191	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	635485	CUSTOMER SUBMITTED DAMAGE CLAIM	CLEANING SERVICE, GENERATOR PLACED, WO# 571622
MORRIS FORMAN	KY0022411	7711 LESANE DR	07/15/06 11:47 AM	07/17/06 04:50 PM	10 GAL	Sewer Service Line	180193	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	628212	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	CLEANING SERVICE CONTACTED, GENERATOR PLACED, WO# 571622
MORRIS FORMAN	KY0022411	7709 LESANE DR	07/15/06 11:00 AM	07/15/06 11:10 AM	100 GAL	Sewer Service Line	180194	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627795	PROPERTY OWNER SUBMITTED DAMAGE CLAIM FOR CLEANUP	CLEANING SERVICE CONTACTED
MORRIS FORMAN	KY0022411	7712 LESANE DR	07/15/06 12:51 PM	08/17/06 10:20 PM	10 GAL	Sewer Service Line	180199	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	628246	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	CLEANING SERVICE CONTACTED, GENERATOR PLACED, WO# 571622
MORRIS FORMAN	KY0022411	7808 LESANE DR	07/15/06 8:25 AM	07/15/06 08:35 AM	100 GAL	Sewer Service Line	180204	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627787	PROPERTY OWNER SUBMITTED DAMAGE CLAIM FOR CLEANUP	CLEANING SERVICE CONTACTED, GENERATOR PLACED - WO# 571622

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MORRIS FORMAN	KY0022411	7014 GREEN SPRING	03/27/07 10:00 PM	03/27/07 10:49 PM	1 GAL	Sewer Service Line	180744	ROOTS IN THE MAIN SEWER	ROOTS	652478	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #652450 - MAIN SEWER WAS ROOT CUT AND BLOCKAGE REMOVED.
MORRIS FORMAN	KY0022411	7704 LESANE DR	07/15/06 5:13 AM	08/17/06 02:31 PM	100 GAL	Sewer Service Line	181065	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	627764	DAMAGE CLAIM SUBMITTED	CLEANING SERVICE CONTACTED, GENERATOR PLACED - WO# 571622
MORRIS FORMAN	KY0022411	9103 PINE LAKE DR	02/12/07 3:15 PM	02/12/07 04:15 PM	1 GAL	Sewer Service Line	181402040000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	638241	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #638238 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1002 COPPERFIELD	12/07/06 9:25 AM	12/07/06 12:05 PM	1 GAL	Sewer Service Line	181668	ROOTS ON MSD AND PRIVATE PROPERTY IN THE PROPERTY SERVICE CONNECTION	ROOTS	619406	PROPERTY OWNER NOT AT HOME AT TIME OF INSPECTION	WORK ORDER #618118 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT. ADVISED PROPERTY OWNER TO GET PLUMBER FOR REPAIRS ON THEIR SIDE
MORRIS FORMAN	KY0022411	1002 COPPERFIELD	01/09/07 2:30 PM	01/09/07 03:33 PM	2 GAL	Sewer Service Line	181668	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	628687	MSD'S CONTRACTOR CLEANED UP ONLY	WORK ORDER #628686 - ROOT CUT THE SEWER LINE AND CLEARED THE BLOCKAGE
MORRIS FORMAN	KY0022411	4912 DELAWARE DR	09/30/06 4:45 PM	09/30/06 04:55 PM	1 GAL	Sewer Service Line	181846	SEWER SYSTEM SURCHARGED	LACK OF SYSTEM CAPACITY	717396	PROPERTY OWNER CLEANED AFFECTED AREA.	NONE
MORRIS FORMAN	KY0022411	6811 ITWORTH CT	01/18/07 11:45 AM	01/18/07 12:55 PM	1 GAL	Sewer Service Line	182456	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	631410	CUSTOMER CLEANED AREA	WORK ORDER #631618 - ROOT CUT. WORK ORDER #631286- REPAIR PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	6801 OSSULSTON C	12/30/06 1:36 PM	12/30/06 02:45 PM	5 GAL	Sewer Service Line	182515	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	626957	CUSTOMER HAS CLEANED AREA	WORK ORDER #626958 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED AN CLEANOUT
MORRIS FORMAN	KY0022411	4220 NEWPORT RD	09/01/06 9:36 AM	09/01/06 09:46 AM	10 GAL	Sewer Service Line	182866	GREASE IN MAIN SEWER	GREASE BLOCKAGE	634466	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	ROOT CUT MAIN LINE
MORRIS FORMAN	KY0022411	3511 FOREST BROOK	05/21/07 9:30 AM	05/21/07 10:27 AM	3 GAL	Sewer Service Line	182874	ROOTS ON MSD AND PRIVATE PROPERTY IN THE PROPERTY SERVICE CONNECTION	ROOTS	668660	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #668818 - MSD REPAIRED THEIR PORTION OF THE PROPERTY SERVICE CONNECTION AND IN ADVISED CUSTOMER TO CONTACT PLUMBER FOR REPAIRS
MORRIS FORMAN	KY0022411	1714 SHERIDAN AV	01/06/07 2:50 PM	01/06/07 04:20 PM	50 GAL	Sewer Service Line	183071	ROOTS IN DROP INLET OF MAIN SEWER	ROOTS	628085	MSD'S CONTRACTOR CLEANED AREA	ROOT CUT MAIN SEWER TO RELIEVE WATER IN HOUSE WORK ORDER#628084
MORRIS FORMAN	KY0022411	102 BURNSDALE R	03/16/07 9:30 AM	03/16/07 10:30 AM	2 GAL	Sewer Service Line	184200890000A	GREASE IN MAIN SEWER	GREASE BLOCKAGE	646151	CUSTOMER ALREADY CLEANED	WORK ORDER #645861 FLUSHED MAIN SEWER; WORK ORDER #646154 - VACTOR LINE
MORRIS FORMAN	KY0022411	10704 HELMSDALE	01/07/07 8:30 PM	01/07/07 08:35 PM	1 GAL	Sewer Service Line	184201640000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	628169	PROPERTY OWNER CLEANED AREA	WORK ORDER #628449 - REPAIR LINE AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4309 WOODGATE L	05/19/07 4:50 PM	05/19/07 05:30 PM	1 GAL	Sewer Service Line	185102300000A	ROOTS IN MSD CLEANOUT	ROOTS	668517	CUSTOMER CLEANED	WORK ORDER - #668516 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	11005 FINCHLEY R	08/15/06 9:07 AM	08/15/06 09:17 AM	10 GAL	Sewer Service Line	185202290000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629736	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 579757 ROOT CUT, WO# 579550 REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	11211 RANNOCH L	12/13/06 9:00 PM	12/13/06 10:49 PM	150 GAL	Sewer Service Line	185202850000A	ROOTS IN MAIN SEWER	ROOTS	619663	MSD'S CONTRACTOR CLEANED AREA	ROOT CUT (WO#619662) MAIN SEWER APPROXIMATELY 150 FEET
MORRIS FORMAN	KY0022411	11212 RANNOCH L	07/20/06 11:57 AM	07/20/06 12:02 PM	10 GAL	Sewer Service Line	185202860000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637779	AREA WASHED DOWN	WO# 572410 REPLACED 3' OF 6" PIPE WITH A 2-WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	401 LOCHINVAR PI	07/15/06 9:48 PM	07/15/06 09:58 PM	10 GAL	Sewer Service Line	185202980000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628254	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	4428 MANNER DALE	11/30/06 10:56 AM	11/30/06 11:01 AM	10 GAL	Sewer Service Line	186005020000A	ROOTS IN PROP SERV CONN	ROOTS	631516	AREA WASHED DOWN	WO# 615007 ROOT CUT LINE, REPLACED 6' OF 4" PIPE WITH A 2-WAY CLEAN OUT

**APPENDIX D
OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	532 LEICESTER CIR	11/28/06 1:09 PM	11/28/06 01:14 PM	10 GAL	Sewer Service Line	186204760000A	ROOTS IN MAIN SEWER	ROOTS	631454	AREA WASHED DOWN	WO# 614349 ROOT CUT LINE
MORRIS FORMAN	KY0022411	11108 AINWICK CT	05/21/07 9:42 PM	05/21/07 10:05 PM	1 GAL	Sewer Service Line	186304360000A	ROOTS IN THE MAIN SEWER	ROOTS	668971	MSD CLEANING CONTRACTOR CLEANED THE AREA	ROOT CUT MAIN SEWER (W/O # 668917)
MORRIS FORMAN	KY0022411	7607 SIX MILE LN	02/16/07 6:30 PM	02/16/07 07:43 PM	1 GAL	Sewer Service Line	186705100000A	LOUISVILLE WATER COMPANY DAMAGE CUSTOMER'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	639034	CUSTOMER HAS CLEANED AREA.	WORK ORDER #639059 - REPAIRED THE PROPERTY SERVICE CONNECTION. WORK ORDER 639076 - MSD FLUSHED THE LINE
MORRIS FORMAN	KY0022411	7607 SIX MILE LN	04/19/07 12:15 PM	04/19/07 01:00 PM	1 GAL	Sewer Service Line	186705100000A	THE PROPERTY SERVICE CONNECTION WAS ENCASED IN CONCRETE	OBSTRUCTION-NOT GREASE / ROOTS	658676	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #658688 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4205 WALLINGFOR	11/06/06 2:26 PM	11/06/06 02:31 PM	10 GAL	Sewer Service Line	188400030000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630553	AREA WASHED DOWN	ROOT CUT AND REPLACED 6' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2401 AINTREE WA	10/17/06 8:47 AM	10/17/06 08:52 AM	10 GAL	Sewer Service Line	188701450000A	ROOTS	ROOTS	630975	AREA WASHED DOWN	ROOT CUT MAIN SEWER/SEE WORK ORDER HISTORY
MORRIS FORMAN	KY0022411	2401 AINTREE WA	03/02/07 12:45 PM	03/02/07 01:30 PM	1 GAL	Sewer Service Line	188701450000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643179	PROPERTY OWNER CLEAN THE AREA	WORK ORDER #643290 - FLUSHED PROPERTY SERVICE CONNECTION; WORK ORDER #643202 - REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1065 CECIL AVE	04/21/07 6:00 PM	04/21/07 06:35 PM	5 GAL	Sewer Service Line	18896	PROPERTY SERVICE LINE LAYING FLAT	STRUCTURAL FAILURE	660318	CUSTOMER CLEANED	WORK ORDER #660317 - INSTALLED 2 2-WAY CLEANOUT ONE FOR 1063 & ONE 1065
MORRIS FORMAN	KY0022411	308 HAWICK PL	09/13/06 11:45 AM	09/13/06 11:50 AM	10 GAL	Sewer Service Line	189005000000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	638360	AREA WASHED DOWN	WO# 589575 ROOT CUT, REPLACED 9' OF 6" PIPE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	405 WILLENHALL	06/26/07 3:15 PM	06/26/07 04:00 PM	1 GAL	Sewer Service Line	189005300000A	MSD'S PERSONNEL WERE PERFORMING PREVENTIVE MAINTENANCE ON THE SEWERS	OBSTRUCTION-NOT GREASE / ROOTS	683656	CUSTOMER CLEANED AREA	NO REPAIR WARRANT
MORRIS FORMAN	KY0022411	7801 SUNBURY LN	03/26/07 1:56 AM	03/26/07 01:57 AM	1 GAL	Sewer Service Line	190000160000A	ROOTS AND RAGS AT THE SHARED JOINT	ROOTS	647569	CUSTOMER CLEANED AREA	WORK ORDER #647564 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	205 ROUNDSTONE	01/20/07 3:10 PM	01/20/07 03:25 PM	60 GAL	Sewer Service Line	191901610000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631863	MSD'S CONTRACTOR CLEANED AREA ONLY	WORK ORDER #631863 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	403 CAMBRIDGE S	06/08/07 5:30 PM	06/08/07 05:50 PM	1 GAL	Sewer Service Line	191902720000A	ROOTS ON PRIVATE PROPERTY AND ON MSD IN THE PROPERTY SERVICE CONNECTION	ROOTS	673351	CUSTOMER CLEANED	WORK ORDER#673405 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	313 CAMBRIDGE S	07/28/06 1:01 PM	07/28/06 01:10 PM	10 GAL	Sewer Service Line	191902770000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628624	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 10 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	10004 AFTON RD	02/20/07 7:10 PM	02/20/07 07:40 PM	100 GAL	Sewer Service Line	191902850000A	ROOTS IN MAIN SEWER	ROOTS	641075	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #640971 - ROOT CUT 200 FT OF MAIN SEWER
MORRIS FORMAN	KY0022411	124 CLAREMONT A	08/21/06 10:56 AM	08/21/06 11:06 AM	10 GAL	Sewer Service Line	19274	BLOCKAGE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	630360	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	REMOVED BLOCKAGE, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	1104 CECIL AVE	02/19/07 3:15 PM	02/19/07 04:10 PM	30 GAL	Sewer Service Line	19295	NOTICED SOME GREASE.	GREASE BLOCKAGE	640893	ADVISED TENANT THAT THEY WILL HAVE TO CLEAN AREA.	WORK ORDER #640889 - FLUSHED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	8801 WOODDED GLE	03/28/07 6:00 PM	03/28/07 06:40 PM	2 GAL	Sewer Service Line	193101580000A	BLOCKAGE AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	652737	CUSTOMER ALREADY CLEANED	WORK ORDER 652736 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	900 CHEROKEE RD	04/27/07 6:05 PM	04/27/07 06:20 PM	1 GAL	Sewer Service Line	19379	LOUISVILLE WATER COMPANY DAMAGES OUR PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	663361	CUSTOMER CLEANED	REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT - WORK ORDER #663415

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	705 FARMINGHAM	01/15/07 2:07 PM	01/15/07 05:20 PM	1 GAL	Sewer Service Line	195509220000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	633726	PROPERTY OWNER NOT AT HOME AT TIME OF INSPECTION	WORK ORDER #630504 - DUG DOWN GOT LINE OPEN
MORRIS FORMAN	KY0022411	1207 ROCK FALLS	01/06/07 4:45 PM	01/06/07 05:45 PM	5 GAL	Sewer Service Line	195603880000A	ROOTS AT THE SHARD JOINT	ROOTS	628089	CUSTOMER CLEANED THE AREA	WORK ORDER#628124 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10409 GRAZING TR	10/27/06 9:49 AM	10/27/06 09:54 AM	5 GAL	Sewer Service Line	195604160000A	BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	629155	NO CLEANUP NEEDED	INSTALLED 4" 2-WAY C/O
MORRIS FORMAN	KY0022411	1440 CHRISTY AVE	05/11/07 1:15 PM	05/11/07 02:30 PM	1 GAL	Sewer Service Line	19572	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	ROOTS	666868	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #666871 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	8608 HEREFORDSH	03/12/07 12:25 PM	03/12/07 01:10 PM	5 GAL	Sewer Service Line	198208940000A	ROOTS IN MAIN SEWER	ROOTS	645040	CUSTOMER CLEANED AREA	WORK ORDER#644906 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	4046 RICHLAND A	05/04/07 10:30 PM	05/04/07 11:30 PM	40 GAL	Sewer Main	19828	ROOTS IN MAIN SEWER	ROOTS	664698	MSD'S CLEANING CONTRACTOR CLEANED AREA	ROOT CUT MAIN SEWER TO RELIEVE WATER WORK ORDER #664696
MORRIS FORMAN	KY0022411	5503 RIATA DR	05/05/07 8:15 PM	05/05/07 08:40 PM	1 GAL	Sewer Service Line	202303020000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	664741	CUSTOMER CLEANED AREA	WORK ORDERS #665061 & #665062 - FLUSHED THE LINE
MORRIS FORMAN	KY0022411	5602 REGAL DR	01/08/07 6:46 PM	01/08/07 09:00 PM	1 GAL	Sewer Service Line	202304020000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	633732	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #628335 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	4918 STOKES CT	11/07/06 1:48 PM	11/07/06 01:53 PM	10 GAL	Sewer Service Line	203702400000A	ROOTS IN PROP. SERV. CONN.	ROOTS	630977	AREA WASHED DOWN	ROOT CUT SERVICE LINE
MORRIS FORMAN	KY0022411	1206 CONSTITUTIC	01/14/07 6:45 PM	01/14/07 10:37 PM	1 GAL	Sewer Service Line	21263	ROOTS IN PROPERTY SERVICE CONNECTION AND IN MAIN SEWER	ROOTS	634842	CUSTOMER CLEANED AREA	WORK ORDER #630296 - ROOT CUT PROPERTY SERVICE CONNECTION AND MAIN SEWER. REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	709 COLORADO AV	09/11/06 4:50 PM	09/11/06 05:25 PM	5 GAL	Sewer Service Line	21410	ROOTS ON MSD & PRIVATE PROPERTY (MAIN BLOCKAGE OF ROOTS)	ROOTS	588419	EXCAVATED AT D/W, ROOT CUT LINE & INSTALLED 2 WAY CLEANOUT. MARKED ROOTS ON P/P WITH GREEN PAINT	PSCR ON MSD PORTION & ADVISED P/O TO GET PLUMBER TO REMOVE ROOTS (MAIN BLOCKAGE)
MORRIS FORMAN	KY0022411	708 COLORADO AV	04/10/07 12:45 PM	04/10/07 02:10 PM	35 GAL	Sewer Service Line	21418	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	655454	MSD'S CLEANING CONTRACTOR CLEANED AREA ONLY	WORK ORDER # 655367 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	3802 ELMWOOD A	05/02/07 2:15 PM	05/02/07 03:45 PM	1 GAL	Sewer Main	21771	ROOTS IN THE MAIN SEWER.	ROOTS	664162	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #667562 - ROOT CUT THE MAIN SEWER AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	1912 CEDAR ST	10/16/06 8:53 AM	10/16/06 08:58 AM	10 GAL	Sewer Service Line	21851	BLOCKAGE/SEE WORK ORDER # 597004	OBSTRUCTION-NOT GREASE / ROOTS	629334	AREA WASHED DOWN	EXCAVATED/REPLACED 6' OF 6" PIPE & INSTALLED CLEANOUT AT P/L
MORRIS FORMAN	KY0022411	237 ALPHA AVE	07/13/06 10:30 AM	07/13/06 10:40 AM	10 GAL	Sewer Service Line	2257	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627744	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND DRAIN	WO# 570984 ROOT CUT, REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	241 ALPHA AVE	06/22/07 5:55 PM	06/22/07 06:05 PM	1 GAL	Sewer Service Line	2263	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	680569	CUSTOMER CLEANED	WORK ORDER #680614 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	3321 BREAUX DR	08/11/06 12:25 PM	08/11/06 12:35 PM	10 GAL	Sewer Service Line	227801820000A	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629468	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE, FLOOR DRAIN, BATHROOM FACILITY	WO# 579194 ROOT CUT AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	3437 BRYAN WAY	03/12/07 11:30 PM	03/13/07 12:30 AM	100 GAL	Sewer Service Line	23312	ROOTS IN PROPERTY SERVICE CONNECTION AT JOINT CONNECTION	ROOTS	645104	CUSTOMER CALLED A CLEANING COMPANY	WORK ORDER #645100 & 645101 FLUSHED BOTH MAIN AND PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2330 CRITTENDEN	12/20/06 3:00 PM	01/02/07 12:00 AM	20 GAL	Sewer Service Line	23459	COLLAPSE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	621177	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER#621109 - REPLACED 5' OF 6" PROPERTY SERVICE CONNECTION

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OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3503 DILKON CT	09/28/06 2:05 PM	09/28/06 02:10 PM	10 GAL	Sewer Service Line	23942	ROOTS IN PROP. SERV. CONN.	ROOTS	638283	AREA WASHED DOWN	ROOT CUT REPLACED 2' OF LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3203 DALE ANN DR	06/02/07 7:00 PM	06/02/07 08:05 PM	1 GAL	Sewer Service Line	24284	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	672357	CUSTOMER CLEANED AREA	WORK ORDER 672356 - FLUSHED MAIN SEWER TO RELIEVE WATER
MORRIS FORMAN	KY0022411	1840 DEER PARK A	10/09/06 3:26 PM	10/09/06 03:31 PM	10 GAL	Sewer Service Line	24360	ROOTS IN MAIN SEWER	ROOTS	629329	AREA WASHED DOWN	ROOT CUT AND FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	2710 SHIPPEN AVE	08/26/06 1:51 PM	08/26/06 02:01 PM	10 GAL	Sewer Service Line	25422710	MAIN SEWER COLLAPSE	STRUCTURAL FAILURE	632093	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	REPLACED 6 FEET OF MAIN SEWER, FLUSHED PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	1837 DEERWOOD A	07/25/06 1:39 PM	07/25/06 01:50 PM	10 GAL	Sewer Service Line	25436	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628592	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, VACTORED, FLUSHED, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	3611 BROOKHOLL	05/20/07 2:55 PM	05/20/07 02:57 PM	1 GAL	Sewer Service Line	262801250000A	THE PROPERTY SERVICE CONNECTION IS LAYING FLAT ON MSD'S SIDE	STRUCTURAL FAILURE	668550	CUSTOMER'S RESTORATION COMPANY CLEANED AREA	WORK ORDER #668628 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INFORMED CUSTOMER TO REPAIR THEIR PORTION THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3921 SHELBYVILL	01/05/07 11:13 PM	01/06/07 06:30 AM	1,000 GAL	Sewer Service Line	2638934	HEAVY GREASE IN MSD PROPERTY SEWER CONNECTION	GREASE BLOCKAGE	658168	RAKED & WASHED AREA DOWN	WORK ORDER#628017 - ROOT CUT MAIN SEWER - WORK ORDER#928018 - FLUSHED MAIN SEWER. REFERRING REQUEST TO MSD INDUSTRIAL WASTE DEPARTMENT - INCIDENT #9179
MORRIS FORMAN	KY0022411	5222 DELAWARE D	09/09/06 9:12 AM	09/09/06 09:22 AM	10 GAL	Sewer Service Line	26674	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634909	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	5213 DELAWARE D	08/14/06 1:53 PM	08/14/06 02:03 PM	10 GAL	Sewer Service Line	26683	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629719	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	WO# 579374 ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, AND INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	5213 DELAWARE D	11/21/06 3:51 PM	11/21/06 03:56 PM	10 GAL	Sewer Service Line	26683	ROOTS IN PROP. SERV. CONN.	ROOTS	631300	AREA WASHED DOWN	FLUSHED AND BRUSHED LINE OPEN
MORRIS FORMAN	KY0022411	3017 EAGLE PASS	04/27/07 5:40 PM	04/27/07 05:50 PM	1 GAL	Sewer Service Line	26792	ROOTS AT THE TAP	ROOTS	663359	CUSTOMER CLEANED	WORK ORDER - #663374 - FLUSHED THE PROPERTY SERVICE CONNECTION AND CLEARED THE LINE
MORRIS FORMAN	KY0022411	159 CHENOWETH I	10/23/06 10:54 AM	10/23/06 11:01 AM	10 GAL	Sewer Service Line	27191	CAVE IN ON PROP SERV CONN	STRUCTURAL FAILURE	629165	AREA WASHED DOWN	WO# 27191 REPAIRED CAVE IN AND REPLACED CLEAN OUT
MORRIS FORMAN	KY0022411	3625 DOWNING WA	01/23/07 10:00 AM	01/23/07 10:46 AM	1 GAL	Sewer Service Line	27263	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632231	PROPERTY OWNER CLEANED AREA	WORK ORDER #633659 ROOT CUT PROPERTY SERVICE CONNECTION. WORK ORDER #633514 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1211 ABBEYWOOD	02/06/07 12:15 PM	02/06/07 01:01 PM	1 GAL	Sewer Service Line	28	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	635721	PROPERTY OWNER CLEANED THE AREA.	MSD IS GOING TO CAMERA THE SEWER.
MORRIS FORMAN	KY0022411	1507 ANNA LN	10/17/06 10:16 PM	10/17/06 10:21 PM	10 GAL	Sewer Service Line	2815	ROOTS IN LINE	ROOTS	628964	AREA WASHED DOWN	WO# 597984 ROOT CUT LINE, WO# 597985 FLUSHED LINE
MORRIS FORMAN	KY0022411	1630 DUNBARTON	03/09/07 7:25 PM	03/09/07 08:00 PM	2 GAL	Sewer Service Line	29174	ROOTS IN MAIN SEWER	ROOTS	644674	CUSTOMER CLEANED AREA	WORK ORDER #644696 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	2136 EASTVIEW AV	07/21/06 6:20 PM	07/21/06 06:30 PM	10 GAL	Sewer Service Line	29415	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628452	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2136 EASTVIEW AV	07/24/06 5:03 PM	07/24/06 05:08 PM	10 GAL	Sewer Service Line	29415	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637780	AREA WASHED DOWN	WO# 572948 ROOT CUT LINE
MORRIS FORMAN	KY0022411	3225 ELLIS WAY	11/16/06 1:32 PM	11/16/06 01:37 PM	10 GAL	Sewer Service Line	29766	ROOTS IN PRIV. SERV. CONN.	ROOTS	631027	AREA WASHED DOWN	ROOT CUT AND INSTALLED 2-WAY CLEANOUT VAULT AND LID

**APPENDIX D
OVERFLOWS TO INTERIOR
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4011 DRUID HILLS	08/21/06 11:06 AM	08/21/06 11:16 AM	10 GAL	Sewer Service Line	30022	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630362	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	1004 EIGELBACH A	02/19/07 9:00 AM	02/19/07 09:35 AM	1 GAL	Sewer Service Line	30224	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	640769	CUSTOMER CLEANED AREA	WORK ORDER #640856 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1807 FRANKFORT	08/22/06 1:28 PM	08/22/06 01:38 PM	10 GAL	Sewer Service Line	31729	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631015	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY	ROOT CUT, REPLACED LINE, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	3705 ETHEL AVE	08/23/06 3:09 PM	08/23/06 03:19 PM	10 GAL	Sewer Service Line	31779	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631155	PROPERTY OWNER CLEANED AREA AROUND BATHROOM FACILITY.	REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT.
MORRIS FORMAN	KY0022411	3014 GREENUP RD	08/26/06 1:51 PM	08/26/06 02:01 PM	10 GAL	Sewer Service Line	32235	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632138	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN	ROOT CUT AND FLUSHED
MORRIS FORMAN	KY0022411	2034 GOLDSMITH I	05/02/07 12:45 PM	05/02/07 02:00 PM	1 GAL	Sewer Service Line	32705	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	664161	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #664320 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #664308 - ROOT CUT THE PROPERTY SERVICE C
MORRIS FORMAN	KY0022411	3523 DUMESNIL ST	12/13/06 8:32 AM	12/13/06 10:04 AM	1 GAL	Sewer Service Line	33641	HEAVY ROOTS AT SHARED JOINT	ROOTS	619520	PROPERTY OWNER DID NOT STATE IF THEY NEEDED CLEANING AND/OR CLAIM	WORK ORDER #619695 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED AN CLEANOUT. WORK ORDER #620087 - MSD ROOT CUT ON BOTH SIDES
MORRIS FORMAN	KY0022411	3806 FINCASTLE R	01/19/07 2:30 PM	01/22/07 11:45 AM	1 GAL	Sewer Service Line	34093806	ROOTS IN MAIN SEWER	ROOTS	631812	CUSTOMER CLEANED AREA	WORK ORDERS 645526, 645527 AND 645531 - ROOT CUT THE SEWER
MORRIS FORMAN	KY0022411	2258 FRANKFORT	03/01/07 8:00 PM	03/01/07 08:00 PM	2 GAL	Sewer Service Line	34422	DUE TO SYSTEM SURCHARGE WATER ENTERED THROUGH THE CUSTOMER BATH TUB DRAIN	LACK OF SYSTEM CAPACITY	642855	NO CLEAN UP REQUIRED	NONE NEEDED
MORRIS FORMAN	KY0022411	6839 GREEN MEAD	01/14/07 7:00 PM	01/14/07 07:30 PM	2 GAL	Sewer Service Line	35154	ROOTS IN MAIN SEWER	ROOTS	630274	CUSTOMER CLEANED AREA	WORK ORDER #630275 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	5216 GREEN COVE	02/20/07 11:50 AM	05/07/07 09:30 AM	1 GAL	Sewer Service Line	35491	ROOTS AT THE SHARED JOINT	ROOTS	642081	PROPERTY OWNER NOT HOME AT TIME OF INSPECTION	WORK ORDER # 640996 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #641163 - ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3906 ELFIN AVE	07/19/06 2:48 PM	07/19/06 02:58 PM	10 GAL	Sewer Service Line	35628	ROOTS IN PROPERTY SERVICE CONNECTION AND SEWER MAIN	ROOTS	628421	PROPERTRY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3918 ELFIN AVE	07/18/06 4:01 PM	07/18/06 04:06 PM	10 GAL	Sewer Service Line	35658	ROOTS IN SEWER MAIN	ROOTS	634963	AREA WASHED DOWN	ROOT CUT MAIN AND REPLACED 8' OF 8" SEWER MAIN
MORRIS FORMAN	KY0022411	2323 HAWTHORNE	04/10/07 6:39 PM	04/10/07 06:43 PM	1 GAL	Sewer Service Line	37706	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655453	CUSTOMER CLEANED AREA	WORK ORDER #655556 - REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3407 FAYETTE AVE	04/03/07 9:30 AM	04/03/07 10:28 AM	1 GAL	Sewer Service Line	38867	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	653783	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 653798 - ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1019 EVERETT AVE	06/02/07 3:15 PM	06/02/07 04:15 PM	1 GAL	Sewer Service Line	39340	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	ROOTS	672343	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #672345 - MSD ROOT CUT THE PROPERTY SERVICE CONNECTION AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	718 FINZER ST	09/12/06 1:44 PM	09/12/06 01:49 PM	10 GAL	Sewer Service Line	42818	BROKEN DOWN PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	638332	ADVISED THE PROPERTY OWNER TO CLEANUP THE OVERFLOW	INSTALLED NEW TAP AT M/S AND INSTALLED 9' OF 6" PVC WITH 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1892 DOUGLASS B	07/25/06 11:31 PM	07/25/06 11:41 PM	10 GAL	Sewer Service Line	43362D	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628594	PROPERTY OWNER CLEANED SINK	ROOT CUT PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	1890 DOUGLASS B	07/10/06 10:24 AM	07/10/06 10:35 AM	10 GAL	Sewer Service Line	43397	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627288	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT

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MORRIS FORMAN	KY0022411	2602 GARDINER LN	03/03/07 1:25 PM	03/03/07 01:40 PM	5 GAL	Sewer Service Line	43612	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643268	CUSTOMER CLEANED AREA	WORK ORDER #643299 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #643450 - FLUSHED LINE
MORRIS FORMAN	KY0022411	305 FRANCK AVE	08/08/06 5:19 PM	08/08/06 05:29 PM	10 GAL	Sewer Service Line	43923	LINE FAILURE AND ROOTS IN PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	629384	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE AND DRAIN. SETTLED CLAIM FOR THE AMOUNT OF \$448.00 FOR PLUMBER REIMBURSEMENT	REPLACED 25 FEET OF PROPERTY SERVICE CLEANOUT AND INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	4115 HANDLEY AV	08/18/06 4:07 PM	08/18/06 04:17 PM	10 GAL	Sewer Service Line	44419	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630331	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN	ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	7301 GLEN ARBOR	03/10/07 4:45 PM	03/10/07 05:30 PM	3 GAL	Sewer Service Line	44726	ROOTS AT SHARED JOINT OF THE PROPERTY SERVICE CONNECTION AND IN THE MAIN SEWER	ROOTS	644729	MSD'S CONTRACTOR REMOVED SEWAGE AND SANITIZED THE AFFECTED AREA	WORK ORDER #644741 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	921 E CHESTNUT ST	03/21/07 7:45 PM	03/21/07 07:45 PM	1 GAL	Sewer Service Line	44851	SLUDGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	725952	CUSTOMER CLEANED THE AREA	WORK ORDER 647063 - FLUSHED LINE
MORRIS FORMAN	KY0022411	2064 DOUGLASS BL	07/15/06 11:28 AM	07/15/06 11:40 AM	10 GAL	Sewer Service Line	46039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	628173	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	CLEANING SERVICE CONTACTED
MORRIS FORMAN	KY0022411	3731 GLEN OAK DR	08/08/06 10:15 AM	08/08/06 10:25 AM	10 GAL	Sewer Service Line	46345	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629367	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3701 DOWNING WA	08/29/06 2:23 PM	08/29/06 02:33 PM	10 GAL	Sewer Service Line	46397	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632141	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	2711 HIKES LN	09/11/06 7:30 PM	09/11/06 08:35 PM	50 GAL	Sewer Service Line	46529	ROOTS	OBSTRUCTION-NOT GREASE / ROOTS	588423	CLEANUP CREW RAGLAND CLEANING SERVICE WAS CALLED FOR FULL CLEANUP	ROOT CUT, RODDED & REMOVED ROOTS. REPLACED 3' OF PROP.SERV.CONN AND 6' OF 8" MAIN SEWER
MORRIS FORMAN	KY0022411	1935 GARDINER LN	02/14/07 3:30 PM	02/14/07 05:44 PM	1 GAL	Sewer Service Line	47401935	MAIN SEWER SURCHARGE	OBSTRUCTION-NOT GREASE / ROOTS	638644	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #638596 - FLUSHED LINE
MORRIS FORMAN	KY0022411	2701 DELOR AVE	03/01/07 4:45 PM	03/01/07 07:30 PM	1 GAL	Sewer Service Line	48153	ROOTS IN THE MAIN SEWER AND AT THE PROPERTY SERVICE CONNECTION	ROOTS	642863	AREA CLEANED BY CUSTOMER.	WORK ORDER #642859 - ROOT CUT MAIN SEWER; WORK ORDER #642902 - MSD INSTALLED A 6-INCH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	432 HARRIS PL	02/19/07 2:45 PM	02/19/07 03:15 PM	1 GAL	Sewer Service Line	48188	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	640918	CUSTOMER CLEANED AREA	WORK ORDER #640848 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1925 HURSTBOURN	11/14/06 5:40 PM	11/14/06 05:45 PM	10 GAL	Sewer Service Line	48569	ROOTS	ROOTS	631473	AREA WASHED DOWN	ROOT CUT LINE/EXCAVATED & REPLACED 9' OF 6" AND INSTALLED 2 WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1112 CENTRAL AV	02/06/07 2:00 PM	02/06/07 03:00 PM	1 GAL	Sewer Service Line	48859	ROOTS AT THE SHARED JOINT	ROOTS	635899	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #637593 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1112 CENTRAL AV	05/17/07 5:30 PM	05/17/07 06:20 PM	1 GAL	Sewer Service Line	48859	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD PORTION	ROOTS	667695	CUSTOMER CLEANED	FLUSHED PROPERTY SERVICE CONNECTION AND OPENED THE LINE - WORK ORDER #667693
MORRIS FORMAN	KY0022411	1714 W HILL ST	03/09/07 8:45 AM	03/09/07 01:58 PM	2 GAL	Sewer Service Line	49107	ASPHALT IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	645282	CUSTOMER CLEANED THE AREA	WORK ORDER 644201 - ROOT CUT THE MAIN
MORRIS FORMAN	KY0022411	3011 HOUSTON BL	08/20/06 11:40 AM	10/07/06 10:48 PM	10 GAL	Sewer Service Line	50165	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630350	CLAIM SUBMITTED. THIRD PARTY REPLACED CARPET IN BASEMENT.	FLUSHED, REPLACED 12 FEET OF PROPOERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT.
MORRIS FORMAN	KY0022411	5403 ILEX AVE	04/06/07 1:00 PM	04/06/07 02:15 PM	10 GAL	Sewer Service Line	50798	ROOTS AT SHARED JOINT IN MSD'S PROPERTY SERVICE CONNECTION TO THE MAIN SEWER	ROOTS	654641	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #655183 - ROOT CUT TO THE MAIN SEWER; WORK ORDER #654636 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1726 KENNEDY RD	10/28/06 1:45 AM	10/28/06 03:07 AM	7 GAL	Sewer Service Line	51896	ROOTS	ROOTS	602363	CONTACTED CLEANING CONTRACTOR TO DO A FULL CLEAN UP	REPLACED 5' OF 6" PIPE / INSTALLED C/O

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MORRIS FORMAN	KY0022411	349 HILLCREST AV	03/29/07 4:00 PM	03/29/07 05:15 PM	1 GAL	Sewer Service Line	52191	ROOTS ON MSD AND ON PRIVATE PROPERTY	ROOTS	652917	PROPERTY OWNER CLEANED THE AREA.	PROPERTY OWNER HAD A PLUMBER CLEAR THE SEWER LINE.
MORRIS FORMAN	KY0022411	3421 HYCLIFFE AV	12/19/06 11:37 AM	12/19/06 12:32 PM	10 GAL	Sewer Service Line	52371	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	632003	CUSTOMER CLEANED AREA	WORK ORDER #621530 ROOT CUT; WORK ORDER #620780 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	2815 JOAN AVE	04/24/07 9:00 PM	04/24/07 09:46 PM	1 GAL	Sewer Service Line	52593	ROOTS AT THE SHARED JOINT	ROOTS	660736	CUSTOMER HAS CLEANED AREA.	WORK ORDER#660734 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2614 WHITEHALL T	04/09/07 12:00 PM	04/09/07 01:30 PM	15 GAL	Sewer Service Line	52922614	ROOTS IN THE MAIN SEWER.	ROOTS	655283	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #655154 - MSD ROOTCUT THE MAIN SEWER AND OPEN THE LINE.
MORRIS FORMAN	KY0022411	3507 KERRY DR	11/03/06 6:10 PM	11/03/06 07:50 PM	30 GAL	Sewer Service Line	53013	ROOTS IN THIS M/S	ROOTS	604295	CLEAN UP IN THE BASEMENT FLOOR DRAIN**CONTACTED PURVIS CLEANING SERVICE FOR CLEAN UP ONLY	ROOT CUT M/S 425' AND PULLED BACK MEDIUM ROOTS
MORRIS FORMAN	KY0022411	3823 KLONDIKE LN	10/17/06 12:34 PM	10/17/06 12:39 PM	10 GAL	Sewer Service Line	53279	ROOTS	ROOTS	630976	AREA WASHED DOWN	EXCAVATED/REPLACED 6' OF 6" PVC WITH A 2 WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	3007 KLONWAY DR	04/11/07 11:10 PM	04/12/07 12:30 AM	1,000 GAL	Sewer Service Line	54098	ROOTS IN MAIN SEWER	ROOTS	655700	MSD'S CLEANING CONTRACTOR	WORK ORDER #655701 - ROOT CUT MAIN LINE TO RELIEVE WATER
MORRIS FORMAN	KY0022411	741 ALGONQUIN P	10/12/06 1:12 PM	10/12/06 01:17 PM	10 GAL	Sewer Service Line	5465	ROOTS	ROOTS	629101	AREA WASHED DOWN	EXCAVATED/RODDED PIPE/REPLACED 5' OF 6" PIPE/INSTALLED CLEANOUT AT PROPERTY LINE
MORRIS FORMAN	KY0022411	3801 KAHLERT AV	04/11/07 5:55 PM	04/11/07 06:10 PM	2 GAL	Sewer Service Line	55812	LOUISVILLE WATER COMPANY (LWC) DAMAGED MSD'S PROPERTY SERVICE CONNECTION WHILE DURING THEIR REPAIRS	UTILITY DAMAGED MSD ASSET	655693	CUSTOMER CLEANED	WORK ORDER #657380 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1209 LARCHMONT	12/06/06 2:11 PM	12/06/06 03:45 PM	2 GAL	Sewer Service Line	57837	ROOTS AT THE SHARED JOINT	ROOTS	618937	PROPERTY OWNER CLEANED AREA	WORK ORDER #618097 ROOT CUT TOWARD PSC 40 FEET.**WORK ORDER #618138 - ROOT CUT TOWARDS THE PROPERTY SERVICE CONNECTION 15 FEET
MORRIS FORMAN	KY0022411	3003 LEMAN DR	05/22/07 9:30 AM	05/22/07 10:31 AM	1 GAL	Sewer Service Line	58705	ROOTS IN THE PROPERTY SERVICE CONNECTION ON MSD'S PORTION	ROOTS	668910	MSD'S CLEANING CONTRACTOR CLEANED	WORK ORDER #669401 - ROOT CUT THE LINE; WORK ORDER #669064 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	3030 LEMAN DR	09/29/06 8:27 PM	09/29/06 08:32 PM	10 GAL	Sewer Service Line	58721	ROOTS IN PROP. SERV. CONN.	ROOTS	638342	AREA WASHED DOWN	ROOT CUT, FLUSHED AND REPLACED 2' OF SERVICE LINE WITH 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1419 BEECH ST	03/29/07 4:00 PM	03/30/07 01:15 PM	1 GAL	Sewer Service Line	5879	PROPERTY SERVICE CONNECTION BROKE	STRUCTURAL FAILURE	652926	CUSTOMER CLEANED AREA	WORK ORDER #652898 - REPAIRED THE PROPERTY SERVICE CONNECTION, INSTALLED A 2-WAY CLEANOUT, AND INSTALLED A MANHOLE FRAME LID OVER THE CLEANOUT.
MORRIS FORMAN	KY0022411	4005 LENTZ AVE	05/22/07 8:04 PM	05/22/07 08:08 PM	6 GAL	Sewer Service Line	58954	ROOTS IN THE PROPERTY SERVICE CONNECTION ON MSD'S PORTION	ROOTS	669020	MSD CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #669071 - FLUSHED LINE; WORK ORDER #669012 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2456 LINDBERGH I	05/08/07 9:40 AM	05/08/07 10:37 AM	15 GAL	Sewer Service Line	60419	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	665030	CUSTOMER REFUSED COURTESY CLEAN UP - CUSTOMER CLEANED AREA	WORK ORDER #665026 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #666312 - ROOT CUT THE LINE
MORRIS FORMAN	KY0022411	550 LILLY AVE	09/27/06 3:42 PM	09/27/06 03:47 PM	10 GAL	Sewer Service Line	60825	PROPERTY SERVICE CONNECTION BROKE DOWN	UTILITY DAMAGED MSD ASSET	638296	AREA WASHED DOWN	WO# 592861 INSTALLED 14' OF 6" PIPE WITH 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	4416 LONSDALE A	10/17/06 1:05 PM	10/17/06 01:53 PM	3 GAL	Sewer Service Line	61704	METAL ROD HUNG UP IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	597407	OFFERED CLEANUP TO CUSTOMER	PSCR WO#597404
MORRIS FORMAN	KY0022411	1522 LOU GENE AV	07/31/06 2:17 PM	07/31/06 02:27 PM	10 GAL	Sewer Service Line	61899	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628639	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 12 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	1614 BEECH ST	02/03/07 2:55 PM	02/03/07 03:35 PM	10 GAL	Sewer Service Line	6243	BLOCKAGE AT THE SHARE JOINT OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	635570	CUSTOMER CLEANED AREA	WORK ORDER #635416 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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MORRIS FORMAN	KY0022411	1261 LUCAS AVE	10/09/06 12:10 PM	10/09/06 01:15 PM	1 GAL	Sewer Service Line	62802	ROOTS	ROOTS	595604	CLAIM WO#595520 TO RAGLAND	PSCR WO#595598; FLUSH WO#595866
MORRIS FORMAN	KY0022411	419 LYNDON LN	10/12/06 11:26 AM	10/12/06 11:31 AM	10 GAL	Sewer Service Line	62938	ROOTS	ROOTS	629060	AREA WASHED DOWN	EXCAVATED/REMOVED ROOTS/REPLACED 4' OF 6" & INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	321 MAC BRAE RD	07/07/06 12:09 PM	07/07/06 12:20 PM	10 GAL	Sewer Service Line	64279	OBSTRUCTION IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	627243	PROPERTY OWNER CLEANED FIRST FLOOR BATHROOM FACILITIES	REPLACED 7 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	304 ARTERBURN D	08/28/06 11:03 AM	08/28/06 11:13 AM	10 GAL	Sewer Service Line	649	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	632118	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN	
MORRIS FORMAN	KY0022411	2600 W MAIN ST	07/31/06 12:25 PM	07/31/06 12:30 PM	10 GAL	Sewer Service Line	65849D	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637879	PROPERTY OWNER ELECTED TO CLEAN AREA	ROOT CUT, REPLACED 5' OF 6" PSC, INSTALLED C/O
MORRIS FORMAN	KY0022411	4405 MALCOLM RD	09/11/06 3:24 PM	09/11/06 03:29 PM	0 GAL	Sewer Service Line	66188	ROOTS IN PROP. SERV. CONN.	ROOTS	638157	AREA WASHED DOWN	ROOT CUT AND REPLACED 5' OF SERVICE LINE AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	4407 MALCOLM RD	04/12/07 6:40 PM	04/12/07 07:00 PM	1 GAL	Sewer Service Line	66189	ROOTS AT THE SHARED JOINT	ROOTS	657424	CUSTOMER CLEANED	WORK ORDER #657423 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	2302 MAGAZINE ST	11/27/06 7:39 PM	11/27/06 07:44 PM	10 GAL	Sewer Service Line	66224	ROOTS IN PROP SERV CONN	ROOTS	631332	AREA WASHED DOWN	WO# 612398 ROOT CUT LINE, REPLACED 10' OF PIPE AND ADDED CLEANOUT
MORRIS FORMAN	KY0022411	3709 MAMARONEC	10/11/06 2:19 PM	10/11/06 02:24 PM	10 GAL	Sewer Service Line	66264	ROOTS	ROOTS	628615	NO CLEAN UP NEEDED	EXCAVATED/ROOT CUT/REPLACED 10' OF 6" / INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	7316 MARIA AVE	08/19/06 5:42 PM	08/19/06 06:16 PM	6 GAL	Sewer Service Line	67074	ROOTS IN MAIN SEWER.	ROOTS	580074	BASEMENT WAS CLEANED BY IDS CLEANING SERVICE.	WORK ORDER #580073 - MSD ROOT CUT THE MAIN SEWER.
MORRIS FORMAN	KY0022411	1729 MARLOW RD	05/16/07 8:45 PM	05/16/07 09:35 PM	40 GAL	Sewer Service Line	68458	SIGNS OF ROOTS AND GREASE AT MSD'S MAIN	ROOTS	667543	COURTESY CLEAN PROVIDED BY MSD CONTRACTOR; CLAIM WO#667539	WORK ORDER #667541-FLUSHED MAIN SEWER TO RELIEVE WATER; WORK ORDER #667644 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	6114 LONGVIEW L	04/04/07 10:00 AM	04/04/07 05:00 PM	50 GAL	Sewer Valve	69044A-V	LEAKY AIR RELEASE VALVES #69044A AND #69044B.	MECHANICAL FAILURE	654296	CLEAND UP AREA AROUND VALVE VAULT .ALL DEBRI HAULED AWAY.	BOTH LEAKY AIR RELIEF VALVES REPLACED.
MORRIS FORMAN	KY0022411	3834 MASSIE AVE	03/05/07 8:41 AM	03/05/07 09:41 AM	1 GAL	Sewer Service Line	69557	PROPERTY SERVICE CONNECTION BROKE DOWN ON MSD	STRUCTURAL FAILURE	643379	PROPERTY OWNER CLEANED THE AREA.	CUSTOMER SIGNED WAIVER TO DIG. WORK ORDER #643558 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT AND A 6-INCH TEE AND ROOT CUT
MORRIS FORMAN	KY0022411	2705 MAXON DR	10/16/06 3:30 PM	10/16/06 03:35 PM	10 GAL	Sewer Service Line	69778	ROOTS	ROOTS	629352	AREA WASHED DOWN	ROOT CUT/EXCAVATED AND REPLACED 7' OF 6" PVC WITH A 2 WAY CLEANOUT VAULT & LID
MORRIS FORMAN	KY0022411	819 MILTON ST	11/27/06 4:39 PM	11/27/06 04:44 PM	10 GAL	Sewer Service Line	71122	ROOTS IN PROP SERV CONN	ROOTS	631331	AREA WASHED DOWN	WO# 612375 INSTALLED 6' OF 6" PIPE WITH A 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	3427 ALLISON WA	08/14/06 3:18 AM	08/14/06 03:28 AM	10 GAL	Sewer Service Line	712	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629534	THIRD PARTY CLEANED PROPERTY	WO# 579266 FLUSHED, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, AND INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	5204 MOCCASIN TR	12/07/06 12:28 PM	12/07/06 03:35 PM	1 GAL	Sewer Service Line	71438	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	619264	MSD'S CONTRACTOR PROVIDED FULL CLEAN UP	WORK ORDER #618510; MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSALLED A CLEANOUT
MORRIS FORMAN	KY0022411	1716 MODEL RD	09/12/06 8:38 PM	09/12/06 08:43 PM	10 GAL	Sewer Service Line	71527	ROOTS	ROOTS	638701	ADVISED THE PROPERTY OWNER TO CLEANUP THE OVERFLOW	REPLACED 7' OF 6" PIPE AND INSTALLED CLEANOUT AT REAR P/L
MORRIS FORMAN	KY0022411	2113 BASHFORD M	11/26/06 4:24 PM	11/26/06 04:29 PM	10 GAL	Sewer Service Line	7216	ROOTS IN PROP SERV CONN	ROOTS	631307	AREA WASHED DOWN	WO# 612195 ROOT CUT LINE, REPLACED 3' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1602 GARDINER LN	02/27/07 5:00 PM	02/27/07 06:30 PM	1 GAL	Sewer Service Line	72291602	ROOTS IN THE SEWER LINE.	ROOTS	642244	PROPERTY OWNER CLEANED THE AREA	MSD ROOT CUT THE MAIN SEWER (WO#642226) AND OPENED THE LINE.
MORRIS FORMAN	KY0022411	4004 W MUHAMMA	03/05/07 4:30 PM	03/05/07 07:30 PM	5 GAL	Sewer Service Line	73516	DEBRIS AND GREASE ON PRIVATE PROPERTY. MSD'S PROPERTY SERVICE CONNECTION LAYING FLAT	GREASE BLOCKAGE	643642	MSD CONTRACTOR CLEANED AREA ONLY	WORK ORDER #643551 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. CUSTOMER'S LINE IS FULL OF DEBRIS AND GREASE.
MORRIS FORMAN	KY0022411	131 MCCREADY A	01/28/07 5:20 PM	01/28/07 05:50 PM	5 GAL	Sewer Service Line	74200D	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	634138	CUSTOMER CLEANED AREA	WORK ORDER #634308 - ROOT CUT PROPERTY SERVICE CONNECTION - WORK ORDER #634137 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	11612 SHELBYVIL	03/14/07 4:00 PM	03/14/07 04:30 PM	2 GAL	Sewer Service Line	742811612	ROCKS IN MSD'S PROPERTY SERVICE CONNECTION. ALSO, MAC CONSTRUCTION DAMAGED LINE DURING CONSTRUCTION WORK	UTILITY DAMAGED MSD ASSET	647153	CUSTOMER CLEANED AREA	WORK ORDER 646109 - VACTOR ROCKS OUT OF LINE. WORK ORDER #646106 - MAC NSTRUCTION/GREG JONES
MORRIS FORMAN	KY0022411	1337 MCHENRY ST	04/15/07 10:49 PM	04/15/07 10:49 PM	1 GAL	Sewer Service Line	74396	ROOTS ON MSD AND ON PRIVATE PROPERTY	ROOTS	657856	CUSTOMER CLEANED AREA	MSD WORK ORDER #657913 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. ADVISED CUSTOMER TO CONTACT PLUMBER TO CLEAR LINE
MORRIS FORMAN	KY0022411	2001 NELSON AVE	02/20/07 5:25 PM	02/20/07 06:05 PM	1 GAL	Sewer Service Line	74904	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641062	AREA HAS ALREADY BEEN CLEANED BY CUSTOMER.	WORK ORDER #641115 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3000 NEPPERHAN	06/04/07 2:45 PM	06/04/07 04:00 PM	1 GAL	Sewer Service Line	75075	ROOT IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	ROOTS	672579	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #672578 MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4270 NORTHWEST	09/21/06 10:22 AM	09/21/06 10:27 AM	10 GAL	Sewer Service Line	76664	DEBRIS IN SEWER MAIN	OBSTRUCTION-NOT GREASE / ROOTS	638225	AREA WASHED DOWN	WO# 590127 VACTORED MAIN SEWER
MORRIS FORMAN	KY0022411	7605 NORWOOD D	12/01/06 8:34 AM	12/01/06 10:58 AM	1 GAL	Sewer Service Line	76900	ROOTS ON PRIVATE PROPERTY AND MSD	ROOTS	620062	MSD CONTRACTOR PROVIDED CLEAN UP ONLY	WORK ORDER #615097 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT. ALSO ROOT CUT LINE
MORRIS FORMAN	KY0022411	2325 W OAK ST	12/27/06 6:00 PM	12/27/06 06:30 PM	20 GAL	Sewer Service Line	77978	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	626327	CUSTOMER IS RESPONSIBLE FOR CLEANUP	PSCR WO#626235, MSD IS REPLACING PIPE AT SHARED JOINT AND INSTALLING CLEANOUT
MORRIS FORMAN	KY0022411	3909 OLYMPIC AV	06/24/07 5:10 PM	06/24/07 05:30 PM	1 GAL	Sewer Service Line	78764	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND LAYING FLAT. CUSTOMER'S PORTION OF PIPE LAYING BACKWARDS	ROOTS	680685	CUSTOMER CLEANED AREA	WORK ORDERS 680711 AND 685904 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. ROOT CUT THE MAIN SEWER.
MORRIS FORMAN	KY0022411	3828 ORMOND RD	07/19/06 9:45 AM	07/19/06 09:55 AM	10 GAL	Sewer Service Line	78899	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628415	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	420 E ORMSBY AVE	01/02/07 2:18 PM	01/02/07 04:30 PM	1 GAL	Sewer Service Line	79005	ROOTS AT THE SHARED JOINT	ROOTS	634533	PROPERTY OWNER CLEANED AREAS	WORK ORDER #627297 - ROOT CUT PROPERTY SERVICE CONNECTION AND WORK ORDER #627170 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2124 OSAGE AVE	09/17/06 7:33 PM	09/17/06 07:45 PM	10 GAL	Sewer Service Line	79223	ROOTS	OBSTRUCTION-NOT GREASE / ROOTS	589419	P/O REFUSED TO CLEAN UP	EXCAVATED/PUT IN A 6" 2 WAY CLEANOUT & 9' OF 6" PVC, SET VAULT/LID.
MORRIS FORMAN	KY0022411	811 FENLEY CT	10/05/06 2:12 PM	10/05/06 02:17 PM	10 GAL	Sewer Service Line	7942811	ROOTS IN PROP. SERV. CONN.	ROOTS	629156	WASHED DOWN AREA	ROOT CUT AND REPLACED 6' OF 6" SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1205 ABBEYWOOD	05/11/07 5:54 PM	05/11/07 07:30 PM	1 GAL	Sewer Service Line	79451205	ROOTS AT THE SHARED JOINT	ROOTS	666991	CUSTOMER CLEANED AREA	WORK ORDER #666924 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	822 PALATKA RD	02/21/07 11:00 AM	02/21/07 11:20 AM	1 GAL	Sewer Service Line	80059	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641167	CUSTOMER CLEANED AREA	WORK ORDER #641323 - REPAIRED PROPERTY CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #641677 & #641678 ROOT CUT
MORRIS FORMAN	KY0022411	823 PALATKA RD	12/11/06 10:01 AM	12/11/06 10:06 AM	10 GAL	Sewer Service Line	80092	ROOTS IN MAIN SEWER.	ROOTS	618738	PROPERTY OWNER CLEANED THE AREA AROUND THE OVERFLOW LOCATION.	WORK ORDER #488827 - MSD ROOT CUT THE MAIN SEWER.
MORRIS FORMAN	KY0022411	2105 PEABODY LN	01/25/07 10:30 AM	01/25/07 11:46 AM	1 GAL	Sewer Service Line	80957	ROOTS AT THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	633678	THE PROPERTY OWNER CLEANED THE AREA	WORK ORDER #633680 - REPAIRED 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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2120 PEABODY LN	05/24/07 11:10 PM	05/25/07 12:10 AM	1 GAL	Sewer Service Line	80980	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	669478	CUSTOMER CLEANED AREA	WORK ORDER 669477 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	113 PENNSYLVANIA	11/19/06 12:05 PM	11/19/06 12:10 PM	10 GAL	Sewer Service Line	81405	ROOTS IN PROP. SERV. LINE	ROOTS	631145	AREA WASHED DOWN	ROOT CUT AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	128 PENNSYLVANIA	06/18/07 8:32 PM	06/18/07 09:22 PM	0 GAL	Sewer Service Line	81469D	BACK BLOW INTO TOILETS FROM MAIN SEWER FLUSHING OPERATIONS	OBSTRUCTION-NOT GREASE / ROOTS	678620	CUSTOMER ALREADY CLEANED AND SANITIZED AREAS AFFECTED.	REPAIRS ARE NOT WARRANT
MORRIS FORMAN	KY0022411	4518 PICADILLY A	08/30/06 7:30 PM	08/30/06 11:13 PM	15 GAL	Sewer Service Line	82497	ROOTS IN MAIN SEWER AND ONPRIVATE PROPERTY.	ROOTS	583775	WORK ORDER #583776 - RAGLAND CLEANING SERVICE CLEANED AND SANITIZED THE AREA.	WORK ORDERS; VACTOR (583819), FLUSH (583822) AND PSCR (583797); MSD REMOVED THE ROOTS AND REPAIRED THE PROPERTY SERVICE CONNECTION.
MORRIS FORMAN	KY0022411	4419 POPLAR LEVE	06/18/07 3:15 PM	06/18/07 04:00 PM	1 GAL	Sewer Service Line	83157	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION WAS BROKE	STRUCTURAL FAILURE	678598	CUSTOMER CLEANED AREA	WORK ORDER #678648 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
MORRIS FORMAN	KY0022411	221 PLEASANTVIE	05/07/07 4:00 PM	05/07/07 06:00 PM	1 GAL	Sewer Service Line	83276D	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	OBSTRUCTION-NOT GREASE / ROOTS	664922	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 664927 - FLUSHED AND OPEN THE SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1845 ALFRESCO PL	01/03/07 12:20 PM	01/03/07 01:15 PM	1 GAL	Sewer Service Line	8373	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	627323	PROPERTY OWNER CLEANED AREA	WORK ORDER #627303 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT.
MORRIS FORMAN	KY0022411	2908 POMEROY DR	01/09/07 4:45 PM	01/09/07 05:51 PM	1 GAL	Sewer Service Line	83775	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	628689	THE PROPERTY OWNER CLEANED AREA.	WORK ORDER #628976 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. ALSO ROOT CUT TO THE MAIN SEWER
MORRIS FORMAN	KY0022411	215 POPE ST	06/14/07 4:00 PM	06/14/07 05:01 PM	1 GAL	Sewer Service Line	84050	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	675200	CUSTOMER CLEANED AREA	WORK ORDER #675205 - MSD VACTOR MAIN SEWER; WORK ORDER #675204 - MSD FLUSHED MANHOLE AS COURTESY. MSD ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	1915 S PRESTON ST	11/07/06 6:44 AM	11/07/06 06:49 AM	10 GAL	Sewer Service Line	85223	ROOTS	ROOTS	619312	AREA WASHED DOWN	EXCAVATED/BRUSH CUT ROOTS/INSTALLED 5' OF 6" PIPE WITH 2 WAY CLEANOUT/BACKFILLED, SET VAULT/LID
MORRIS FORMAN	KY0022411	3046 RADIANCE RI	03/16/07 6:00 PM	03/16/07 06:20 PM	2 GAL	Sewer Service Line	85891	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	646162	CUSTOMER CLEANED AREA	WAITING FOR REPAIRS WORK ORDER #646219 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT; WORK ORDER #646240 - ROOT CUT THE PROPERTY SER
MORRIS FORMAN	KY0022411	3313 RADIANCE RI	02/21/07 11:45 PM	02/21/07 11:51 PM	5 GAL	Sewer Service Line	86101	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641295	CUSTOMER CLEANED UP AREA.	WORK ORDER #641361 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #641667 & #642425 - ROOT CUT
MORRIS FORMAN	KY0022411	4910 RED OAK LN	04/18/07 10:30 AM	04/18/07 12:15 PM	4 GAL	Sewer Service Line	87154	ROOTS IN THE PROPERTY SERVICE CONNECTION ON MSD AND PRIVATE PROPERTY	ROOTS	658490	CUSTOMER RESPONSIBLE FOR CLEANING	WORK ORDER #658654 - MSD FLUSHED THE PROPERTY SERVICE CONNECTION; WORK ORDER #658654 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2912 RICHLAND A	04/23/07 11:35 AM	04/23/07 11:58 AM	1 GAL	Sewer Service Line	87198	ROOTS AT THE TAP	ROOTS	660449	CUSTOMER CLEANED	WORK ORDER#660463 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	101 BLUE FIELDS F	01/14/07 8:40 AM	01/14/07 12:00 PM	3 GAL	Sewer Service Line	8792101	MSD HAS ROOTS IN PROPERTY SERVICE CONNECTION. ALSO PROPERTY OWNER HAD SUMP-PUMP HOOKED UP TO HIS SANITARY LINE CAUSING WATER DAMAGE.	ROOTS	633721	PROPERTY OWNER CLEANED AREA	WORK ORDER #630298 - REMOVED ROOTS FROM TAP
MORRIS FORMAN	KY0022411	3817 RIMONTE DR	09/14/06 11:34 AM	09/14/06 11:39 AM	10 GAL	Sewer Service Line	88055	ROOTS	ROOTS	638737	PROPERTY OWNER ELECTED TO CLEAN UP OVERFLOW	REPLACED 6' OF 6" WITH A 2 WAY CLEANOUT VAULT AND LID
MORRIS FORMAN	KY0022411	218 RING RD	02/23/07 1:05 PM	02/23/07 01:25 PM	1 GAL	Sewer Service Line	88162	MSD WORKING IN AREA	OBSTRUCTION-NOT GREASE / ROOTS	641702	CUSTOMER CLEANED AREA	NO REPAIRS NEEDED
MORRIS FORMAN	KY0022411	225 RING RD	02/23/07 12:55 PM	02/23/07 01:50 PM	1 GAL	Sewer Service Line	88190	BACK-WASH FROM SEWER FLUSHING	OBSTRUCTION-NOT GREASE / ROOTS	641706	CUSTOMER CLEANED THE IMPACTED AREA	NO REPAIRS NEEDED
MORRIS FORMAN	KY0022411	603 RIVERWOOD P	04/18/07 10:00 AM	04/18/07 11:00 AM	1 GAL	Sewer Service Line	88280	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	658536	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #658620 - REMOVED THE ROOTS AND INSTALLED A T-WYE

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3102 ROSEDALE BL	08/28/06 3:58 PM	08/28/06 04:03 PM	10 GAL	Sewer Service Line	89361	ROOTS ON M/S AND P/P	ROOTS	637724	AREA WASHED DOWN	ROOT CUT & OPENED 145', NOW FLOWING FINE. ADVISED TENANT AND P/O OF ROOTS ON P/P.
MORRIS FORMAN	KY0022411	3127 ROSELAWN B	03/07/07 11:30 AM	03/07/07 12:39 PM	1 GAL	Sewer Service Line	89461	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	643829	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 643862 - FLUSHED THE SERVICE LINE
MORRIS FORMAN	KY0022411	3004 ROSELAWN B	01/10/07 3:15 PM	01/10/07 04:15 PM	1 GAL	Sewer Service Line	89476	ROOTS AT PROPERTY LINE	ROOTS	629234	PROPERTY OWNER CLEANED AREA	WORK ORDER #629368 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT.
MORRIS FORMAN	KY0022411	3039 ROSELAWN B	12/01/06 2:10 PM	12/01/06 02:29 PM	1 GAL	Sewer Service Line	89525	ROOTS ON MSD	ROOTS	618901	CUSTOMER CLEANED AREA	WORK ORDER #615156 - REPAIR PROPERTY SEWER CONNECTION. WORK ORDER - 616042 - ROOT CUT
MORRIS FORMAN	KY0022411	400 ROLLING LN	04/23/07 1:45 PM	04/23/07 02:20 PM	1 GAL	Sewer Service Line	89658	ROOTS AT THE SHARED JOINT	ROOTS	660487	CUSTOMER CLEANED	REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT - WORK ORDER #660610
MORRIS FORMAN	KY0022411	5204 ROLLINGWO	07/10/06 9:15 AM	07/10/06 09:25 AM	10 GAL	Sewer Service Line	89703	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627279	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	REPLACED 2 FEET OF PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	1618 RUSSELL AVE	09/10/06 12:15 AM	09/10/06 12:44 AM	5 GAL	Sewer Service Line	91428	MANHOLE 88304 STOPPED UP WITH GREASE	GREASE BLOCKAGE	588212	PO DID NOT NEED A CLEAN UP FROM MSD	FLUSHED MANHOLE APPROX 300' AND GOT LINE OPEN
MORRIS FORMAN	KY0022411	4125 SANFORD AV	07/19/06 9:07 AM	07/19/06 09:20 AM	10 GAL	Sewer Service Line	91979	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628411	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	1038 SAMUEL ST	03/24/07 3:00 PM	03/24/07 03:15 PM	1 GAL	Sewer Service Line	92084	LOUISVILLE WATER COMPANY HIT/DAMAGED MSD'S PROPERTY SERVICE CONNECTION	UTILITY DAMAGED MSD ASSET	647522	CUSTOMER CLEANED	WORK ORDER #647521 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	910 BLUEGRASS A	11/08/06 10:16 AM	11/08/06 10:21 AM	10 GAL	Sewer Service Line	9239	ROOTS	ROOTS	630523	AREA WASHED DOWN	EXCAVATED & OPENED PROPERTY SERVICE CONNECTION/INSTALLED PIPE & 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	4302 SHELBYVILL	11/10/06 4:49 PM	11/10/06 04:54 PM	10 GAL	Sewer Service Line	93544	GREASE BLOCKAGE IN MAIN SEWER	GREASE BLOCKAGE	631306	AREA WASHED DOWN	CHECKED M/S, IT WAS STOPPED UP W/GREASR, GOT LINE OPEN. WO# 607777
MORRIS FORMAN	KY0022411	3101 SHERBROOKE	12/06/06 8:59 AM	12/06/06 11:40 AM	1 GAL	Sewer Service Line	94683	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	618912	PROPERTY OWNER NOT HOME TIME OF INSPECTION	WORK ORDER #616621 - REPAIR PROPERTY SEWER CONNECTION AND INSTALLED A 2-WAY CLEANOUT. RAN ROOT CUTTER ON BOTH SIDES
MORRIS FORMAN	KY0022411	5710 W SOUTHLAN	01/22/07 4:15 PM	01/22/07 04:40 PM	1 GAL	Sewer Service Line	96258	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	635007	NO ONE AT HOME AT TIME OF INSPECTION	WORK ORDER #633606 - ROOT CUT PROPERTY SERVICE CONNECTION. WORK ORDER #632238 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	319 W SOUTHSIDE	02/22/07 5:25 PM	02/22/07 06:30 PM	2 GAL	Sewer Service Line	96602	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641425	CUSTOMER CLEANED AREA	WORK ORDER#642896 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #646975 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	102 STAEBLER AV	03/31/07 5:05 PM	03/31/07 05:25 PM	75 GAL	Sewer Service Line	97363	PSC IS LAYING FLAT AND FALLING BACKWARDS THROUGHOUT AND PSC HAS DROPPED TREMENDOUSLY	STRUCTURAL FAILURE	653253	NOT YET CLEANED CUSTOMER WAITING ON PLUMBER	REPAIR WORK ORDER #653284 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1234 SPRINGDALE	10/12/06 10:53 AM	10/12/06 10:58 AM	10 GAL	Sewer Service Line	98157	UNSPECIFIED BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	628631	AREA WASHED DOWN	EXCAVATED/REPLACED 7' OF 6" PIPE AND INSTALLED A 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	5229 BROADMOOR	05/07/07 7:30 PM	05/07/07 08:05 PM	1 GAL	Sewer Service Line	9832	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	667379	CUSTOMER HAS CLEANED AREA	WORK ORDER#664983 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2WAY CLEANOUT; WORK ORDER #666335 - ROOT CUT LINE
MORRIS FORMAN	KY0022411	3729 STANTON BL	07/14/06 1:47 PM	07/14/06 01:59 PM	10 GAL	Sewer Service Line	98774	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627753	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 571808 ROOT CUT LINE/ WO# 571428 REPLACED 6' OF 6" PIPE
MORRIS FORMAN	KY0022411	3775 STANTON BL	12/19/06 6:05 PM	12/19/06 06:14 PM	1 GAL	Sewer Service Line	98929	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	620703	CUSTOMER REFUSED CLEANUP	WORK ORDER #620920 REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT

APPENDIX D
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3775 STANTON BL	05/21/07 1:00 PM	05/21/07 03:00 PM	1 GAL	Sewer Service Line	98929	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND HEAVY ROOTS ON PRIVATE PROPERTY	OBSTRUCTION-NOT GREASE / ROOTS	668805	PROPERTY OWNER CLEANED THE AREA	WORK ORDED 668788 - FLUSHED MSD'S SIDE OF THE PROPERTY SERVICE CONNECTION AND MSD ADVISED THE CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN	KY0022411	720 CEDAR GROVE	08/10/06 7:30 PM	08/10/06 07:49 PM	5 GAL	Sewer Service Line	A10139019	ROOTS IN MAIN SEWER.	ROOTS	578294	PROPERTY OWNER CLEANED AREA AROUND THE DISCHARGE SITE.	WORK ORDER #579101 - MSD ROOT CUT THE MAIN SEWER.
MORRIS FORMAN	KY0022411	333 S SHAWNEE TE	03/05/07 10:00 AM	03/05/07 11:06 AM	1 GAL	Sewer Service Line	B07080029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	643391	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #643432 - MSD ROOTCUT THE SERVICE LINE AND IS FLOWING FINE NOW.
MORRIS FORMAN	KY0022411	325 S SHAWNEE TE	10/04/06 3:10 PM	10/04/06 03:47 PM	10 GAL	Sewer Service Line	B07084019	ROOTS IN MAIN	ROOTS	594636	AREA WASHED DOWN	ROOT CUT AND VACTORED MAIN
MORRIS FORMAN	KY0022411	231 S SHAWNEE TE	11/23/06 11:12 AM	11/23/06 11:17 AM	10 GAL	Sewer Service Line	B07099039	ROOTS IN PROP. SERV. CONN.	ROOTS	631347	AREA WASHED DOWN	ROOT CUT AND INSTALLED 6' OF PIPE AND A CLEANOUT
MORRIS FORMAN	KY0022411	247 S 43RD ST	03/15/07 3:20 PM	03/15/07 04:00 PM	40 GAL	Sewer Service Line	B07280039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	645841	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #645896 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	642 S 41ST ST	07/13/06 1:07 PM	07/13/06 01:12 PM	10 GAL	Sewer Service Line	B10633049	DEBRIS IN MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	634947	AREA WASHED DOWN	WO# 570946 VACTORED MANHOLE/ WO# 571035 VACTORED MAIN SEWER
MORRIS FORMAN	KY0022411	675 S 38TH ST	07/20/06 12:25 PM	07/20/06 12:30 PM	10 GAL	Sewer Service Line	B10963079	ROOTS IN SEWER MAIN	ROOTS	635452	AREA WASHED DOWN	ROOT CUT AND FLUSHED SEWER MAIN
MORRIS FORMAN	KY0022411	648 S 36TH ST	01/16/07 9:10 AM	01/16/07 09:37 AM	30 GAL	Sewer Service Line	B11127069	PIPE BROKE IN PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	630469	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #630991 - REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4224 BROWNS LN	05/31/07 6:55 PM	05/31/07 07:05 PM	1 GAL	Sewer Service Line	BJ10603019	ROOTS AND SOLIDS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	671877	CUSTOMER CLEANED	WORK OREDER #671931 - MSD ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND ADDED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3425 EASTSIDE DR	07/14/06 1:34 PM	07/14/06 01:45 PM	10 GAL	Sewer Service Line	BJ13017059	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627750	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 571687 ROOT CUT, WO# 571556 REPLACED 3 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3019 KAYE LAWN	01/02/07 4:39 PM	01/02/07 05:30 PM	1 GAL	Sewer Service Line	BJ13787019	ROOTS ON MSD AND PRIVATE PROPERTY	ROOTS	627193	MSD ADVISED PROPERTY OWNER TO CLEAN AREA	WORK ORDER #627193 - ROOT CUT 20 FEET - WORK ORDER #628284 - ROOT CUT 25 FEET TOWARDS THE MAIN SEWER
MORRIS FORMAN	KY0022411	3001 KAYE LAWN	06/23/07 4:35 PM	06/23/07 05:15 PM	1 GAL	Sewer Service Line	BJ13796049	ROOTS IN MAIN SEWER	ROOTS	680642	CLEANUP WAS OFFERED AND DECLINED, CUSTOMER CLEANED	WORK ORDER# 680641 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	3713 BIGELOW DR	01/10/07 6:10 PM	01/10/07 06:30 PM	1 GAL	Sewer Service Line	BJ31246029	PROPERTY SERVICE CONNECTION COLLASPED	STRUCTURAL FAILURE	629252	CUSTOMER CLEANED TUB	WORK ORDER #629381 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4800 VALLA RD	02/25/07 2:00 AM	02/25/07 07:03 AM	150 GAL	Sewer Service Line	BU05693129	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	641789	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 641781 - FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	4809 VALLA RD	02/25/07 1:15 PM	02/25/07 01:30 PM	200 GAL	Sewer Service Line	BU05702039	MAIN SEWER WAS STOPPED UP	ROOTS	641834	MSD CLEANING CONTRACTOR WILL CLEAN AS SOON AS POWER TO HOME IS RESTORED BY LG&E	WORK ORDER #641802 - SEWER WAS ROOT-CUT
MORRIS FORMAN	KY0022411	3320 BARDSTOWN	12/11/06 6:12 PM	12/11/06 06:17 PM	10 GAL	Sewer Service Line	BU07332029	OBSTRUCTION IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	631604	AREA WASHED DOWN	WO# 618965 FLUSHED LINE
MORRIS FORMAN	KY0022411	3511 HUON DR	10/28/06 2:05 PM	10/28/06 02:10 PM	5 GAL	Sewer Service Line	BU07585029	ROOTS	ROOTS	629317	NONE REQUIRED	ROOT CUT AND INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3507 HUON DR	07/01/06 9:53 AM	07/01/06 10:00 AM	10 GAL	Sewer Service Line	BU07587039	OFFSET IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	627078	PROPERTY OWNER CLEANED BATHROOM FACILITY	REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION

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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3716 ST FRANCIS A	03/29/07 8:25 PM	03/29/07 08:45 PM	1 GAL	Sewer Service Line	BU08529029	ROOTS AT THE SHARED JOINT	ROOTS	652939	CUSTOMER CLEANED AREA	WORK ORDER#652938 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1930 BISHOP LN	10/17/06 4:39 PM	10/17/06 04:44 PM	10 GAL	Sewer Service Line	CD07080039	UNKNOWN BLOCKAGE IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	628959	AREA WASHED DOWN	WO# 597481 FLUSHED LINE
MORRIS FORMAN	KY0022411	627 N 19TH ST	05/21/07 10:50 AM	05/21/07 12:08 PM	5 GAL	Sewer Service Line	D16490039	ROOT AT SHARED JOINT AND THROUGH-OUT PRIVATE PROPERTY.	ROOTS	668753	ADVISED CUSTOMER TO CLEAN AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER.
MORRIS FORMAN	KY0022411	3116 RUNNYMEDE	10/08/06 1:00 PM	10/08/06 01:20 PM	30 GAL	Sewer Service Line	EP03910019	ROOTS AT SHARED JOINT	ROOTS	608018	CLAIM WO#595462 FOR PURVIS TO CLEAN CARPET	PSCR WO#595473 REPAIR AT SHARED JOINT
MORRIS FORMAN	KY0022411	5900 JENNESS CT	01/06/07 8:24 AM	01/07/07 10:51 AM	5 GAL	Sewer Service Line	EP05815019	ROOTS IN THE PROPERTY SERVICE CONNECTION	ROOTS	628109	PROPERTY OWNER CLEANED THE AREA	WORK ORDER#628014 - ROOT CUT
MORRIS FORMAN	KY0022411	4416 DEEPWOOD D	07/28/06 10:20 AM	07/28/06 10:30 AM	10 GAL	Sewer Service Line	EP33295019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628607	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	7106 GREENGATE	03/29/07 9:05 PM	03/29/07 10:05 PM	1 GAL	Sewer Service Line	EP34105029	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION WAS LAYING COMPLETELY BACKWARDS	STRUCTURAL FAILURE	652943	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #568152 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #544102 - MSD ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	7410 SPRINGVALE	05/21/07 11:00 AM	05/21/07 11:37 AM	1 GAL	Sewer Service Line	EP35370039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	668747	CUSTOMER CLEANED AREA	WORK ORDER #668782 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT - WORK ORDER #669016 ROOT CUT THE PROPERTY SERVICE
MORRIS FORMAN	KY0022411	7511 LANFAIR DR	01/08/07 2:00 PM	01/08/07 03:04 PM	2 GAL	Sewer Service Line	EP35600029	ROOTS IN PROPERTY SERVICE CONNECTION AT THE MAIN SEWER	ROOTS	628281	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #628610 - ROOT CUT MAIN - WORK ORDER #628606 REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	3308 SPRINGCREST	11/27/06 4:09 PM	11/27/06 04:14 PM	10 GAL	Sewer Service Line	EP35930019	ROOTS IN PROP SERV CONN	ROOTS	631330	AREA WASHED DOWN	WO# 612557 ROOT CUT LINE
MORRIS FORMAN	KY0022411	403 E MARKET ST	11/15/06 2:55 PM	11/15/06 05:05 PM	10 GAL	Sewer Service Line	F31860029	UNKNOWN OBSTRUCTION.	OBSTRUCTION-NOT GREASE / ROOTS	608747	IDS WAS CALLED TO DO A COURTESY CLEANUP	REFER TO WORK ORDERS
MORRIS FORMAN	KY0022411	403 E MARKET ST	12/13/06 9:29 AM	12/13/06 10:00 AM	2 GAL	Sewer Service Line	F31860029	BLOCKAGE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	629521	MSD'S CONTRACTOR GAVE FULL CLEANUP	WORK ORDER #619418-VACTOR MAIN SEWER; WORK ORDER #619420 - FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	122 S KEATS AVE	08/08/06 10:02 AM	08/08/06 10:07 AM	10 GAL	Sewer Service Line	G08828049	MUD IN LINE	OBSTRUCTION-NOT GREASE / ROOTS	637523	AREA WASHED DOWN	SEE WORK ORDER HISTORY
MORRIS FORMAN	KY0022411	2725 VICTOR PL	06/18/07 12:15 PM	06/18/07 01:00 PM	1 GAL	Sewer Service Line	G10987069	MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION BROKE	STRUCTURAL FAILURE	678601	MSD'S CLEANING CONTRACTOR PROVIDED FULL CLEANUP	WORK ORDER #678653 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY.
MORRIS FORMAN	KY0022411	2811 RAINBOW DR	11/02/06 5:16 PM	11/02/06 05:21 PM	10 GAL	Sewer Service Line	H07488029	PLUMBER'S ROD STUCK IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	629698	NO CLEANUP NEEDED	REMOVED PLUMBER'S ROD. BILLED PLUMBER
MORRIS FORMAN	KY0022411	3409 BROECK POIN	07/05/06 6:24 AM	07/05/06 06:35 AM	10 GAL	Sewer Service Line	HP11085029	ROOTS IN MAIN SEWER	ROOTS	627235	PROPERTY OWNER CLEANED SINK IN BASEMENT	ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	2710 COLONEL DR	11/10/06 6:30 PM	11/10/06 07:35 PM	20 GAL	Sewer Service Line	HP12229019	ROOTS PRIVATE PROPERTY ALSO LITE ROOTS ON MSD	ROOTS	607785	NOTIFIED RAGLAND CLEANING SERVICE FOR BASEMENT CLEANING ONLY	WORK ORDER #608071 - MSD.ROOT CUT BOTH WAYS. WORK ORDER 67805 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2 WAY CLEANOUT.
MORRIS FORMAN	KY0022411	8512 BLOSSOM LN	10/23/06 9:42 AM	10/23/06 09:47 AM	10 GAL	Sewer Service Line	HP12351019	ROOTS IN LINE	ROOTS	629160	AREA WASHED DOWN	WO# 599375 ROOT CUT LINE, REPLACED 8' OF 6" PIPE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	2402 CHATTESWO	04/19/07 10:30 AM	04/19/07 10:55 AM	1 GAL	Sewer Service Line	HP12959029	ROOTS IN THE MAIN SEWER.	ROOTS	658636	PROPERTY OWNER CLEANED THE AREA .	WORK ORDER #658662 - MSD ROOTCUT THE MAIN SEWER AND OPEN THE LINE

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MORRIS FORMAN	KY0022411	1009 ROUND TABL	07/31/06 12:25 PM	07/31/06 12:30 PM	10 GAL	Sewer Service Line	HP14252019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	637880	PROPERTY OWNER ELECTED TO CLEAN AREA	ROOT CUT, PUT BACK PIPE W 2 WAY C/O
MORRIS FORMAN	KY0022411	9021 BINGHAM DR	11/06/06 12:02 PM	11/06/06 12:07 PM	10 GAL	Sewer Service Line	HP15186029	ROOTS IN PROP SERV CONN	ROOTS	634341	AREA WASHED DOWN	WO# 605036 ROOT CUT LINE AND INSTALLED 2-WAY CLEAN OUT
MORRIS FORMAN	KY0022411	9011 BINGHAM DR	01/28/07 6:10 PM	01/28/07 06:50 PM	5 GAL	Sewer Service Line	HP15191069	SOME ON THE LINE MATERIAL IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	634141	CUSTOMER CLEANED AREA	WORK ORDER #634322 - FLUSH AND OPEN LINE
MORRIS FORMAN	KY0022411	9011 BINGHAM DR	01/28/07 7:25 PM	01/28/07 09:25 PM	150 GAL	Sewer Service Line	HP15191069	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	634143	CUSTOMER CLEANED AREA	WORK ORDER #634148 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	9006 WESTRIDGE C	08/14/06 11:14 AM	08/14/06 11:24 AM	10 GAL	Sewer Service Line	HP15202029	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629702	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 579557 FLUSHED SEWER
MORRIS FORMAN	KY0022411	9002 CARDIFF RD	04/30/07 11:35 AM	04/30/07 12:35 PM	1 GAL	Sewer Service Line	HP15209019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	663620	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #663941 - REPAIR THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9109 KENLOCK DR	01/29/07 1:00 PM	01/29/07 01:45 PM	1 GAL	Sewer Service Line	HP15321019	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	634260	THE PROPERTY OWNER CLEANED AREA	WORK ORDER #634319 - REPAIRED PROPERTY SERVICE CONNECTIN AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #634810 - ROOT CUT MAIN SEWER
MORRIS FORMAN	KY0022411	9612 TIVERTON W	04/30/07 12:45 PM	04/30/07 01:45 PM	3 GAL	Sewer Service Line	HP15491029	ROOTS IN THE PROPERTY SERVICE CONNECTION	ROOTS	663629	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER #663634 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2309 LANGDON DR	12/15/06 9:00 PM	12/15/06 09:13 PM	1 GAL	Sewer Service Line	HP15519069	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	620276	SANITIZED THE AREA	WORK ORDER #620275 - ROOT CUT TO MAIN SEWER AND INSTALLED 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	9806 ENCINO CT	11/11/06 3:45 PM	11/11/06 04:05 PM	30 GAL	Sewer Service Line	HP16238019	ROOTS ON PRIVATE PROPERTY & MSD	ROOTS	607896	RAGLAND CLEANING SER. WAS OFFERED	RODDED OUT PIPE & GOT WATER FLOWING/ROOT CUT PSC BOTH WAYS/REPLACED 8' OF 6" & INSTALLED 2 WAY CLEANOUT.
MORRIS FORMAN	KY0022411	2207 GURSKY CT	11/15/06 9:07 AM	11/15/06 11:06 AM	10 GAL	Sewer Service Line	HP16260069	ROOTS ON MSD	ROOTS	618099	FULL CLEAN UP - IDS CLEANING SERVICE	DUG DOWN AND ROOT CUT PSC AND REMOVED HEAVY ROOT S.MAIN BLOCKAGE WAS AT THE HOUSE.REPLACED 8' OF 6" AND INSTALLED A 2-WAY
MORRIS FORMAN	KY0022411	311 BUCKINGHAM	04/03/07 5:30 PM	04/03/07 06:15 PM	1 GAL	Sewer Service Line	HU13236029	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	653931	PROPERTY OWNER CLEANED THE AREA	WORK ORDER 653898 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER 654778 - SLIP LINED THE PROPERTY SERVICE CONN
MORRIS FORMAN	KY0022411	906 NOTTINGHAM	03/14/07 12:05 PM	03/14/07 12:45 PM	2 GAL	Sewer Service Line	HU15622019	ROOTS IN THE SHARED JOINT	ROOTS	645585	CUSTOMER CLEANED AREA	WORK ORDER #645583 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	10304 CARRIAGE H	07/22/06 6:44 PM	07/22/06 06:55 PM	10 GAL	Sewer Service Line	HU22492029	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628514	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	908 EXMOOR AVE	10/12/06 10:20 PM	10/12/06 10:27 PM	2 GAL	Sewer Service Line	HU22802029	ROOTS PER P/T WO#596582	ROOTS	596583	CUSTOMER REFUSED CLEANUP SERVICES.	PSCR WO#596922
MORRIS FORMAN	KY0022411	1611 LUCIA AVE	01/17/07 8:50 PM	01/17/07 09:20 PM	50 GAL	Sewer Service Line	J06369049	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631178	MSD'S CONTRACTOR CLEANED UP THE AREA	WORK ORDER #631179 REPAIR THE PROPERTY SERVICE CONNECTION & INSTALLED A 2-WAY CLEANOUT AND REPAIR MAIN SEWER
MORRIS FORMAN	KY0022411	902 EASTERN PKY	04/09/07 2:15 PM	04/09/07 02:50 PM	1 GAL	Sewer Service Line	K07524019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655313	CUSTOMER CLEANED AREA	WORK ORDER #655361 - REPAIRED THE PROPERTY SERVICE CONNECTION. WORK ORDER #655578 - ROOT CUT LINE; WORK ORDER #655579 - FLUSHED LINE
MORRIS FORMAN	KY0022411	970 VINE ST	01/13/07 12:35 PM	01/13/07 01:05 PM	5 GAL	Sewer Service Line	K10872039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	630134	PROEPRTY OWNER CLEANED AREA	WORK ORDER #630934 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4211 JACKSON AV	08/31/06 3:51 PM	08/31/06 04:01 PM	10 GAL	Sewer Service Line	KK09560019	BLOCKAGE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	633426	PROPERTY OWNER CLEANED AREA AROUND WASHING MACHINE DRAIN	FLUSHED, REPLACED 2 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT

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JULY 1, 2006 THROUGH JUNE 30, 2007**

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3820 ILLINOIS AVE	01/05/07 12:08 PM	01/05/07 04:00 PM	1 GAL	Sewer Service Line	KK09656019	ROOTS IN MAIN SEWER	ROOTS	627738	PROPERTY OWNER CLEANED AREA	WORK ORDER 627846 - ROOT CUT 2000 FEET OF MAIN SEWER
MORRIS FORMAN	KY0022411	4201 POPLAR LEVE	04/06/07 2:50 PM	04/06/07 03:25 PM	1 GAL	Sewer Service Line	KK09711019	THE PROPERTY SERVICE CONNECTION IS BROKEN	STRUCTURAL FAILURE	657680	AREA HAS BEEN CLEANED	WORK ORDER #655684 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	943 MCKINLEY AV	01/14/07 6:00 PM	01/14/07 06:43 PM	15 GAL	Sewer Service Line	KK11054019	ROOTS IN MAIN SEWER	ROOTS	630282	MSD'S CONTACTOR CLEANED AREA ONLY	WORK ORDER #630283 - ROOT CUT THE MAIN SEWER GOT LINE OPEN
MORRIS FORMAN	KY0022411	941 MCKINLEY AV	01/14/07 6:00 PM	01/14/07 06:41 PM	1 GAL	Sewer Service Line	KK11055029	ROOTS IN MAIN SEWER.	ROOTS	630281	PROPERTY OWNER CLEANED AREA	WORK ORDER #630280 - ROOT CUT THE MAIN SEWER GOT LINE OPEN
MORRIS FORMAN	KY0022411	1324 MORGAN AV	01/04/07 12:00 AM	01/04/07 12:00 AM	1 GAL	Sewer Service Line	KK13377429	ROOTS ON PRIVATE PROPERTY AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	627694	PROPERTY OWNER CLEANED AREA	WORK ORDER #627632 & #628028 ROOT CUT. WORK ORDER 627739 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1216 UNION AVE	02/03/07 8:05 PM	02/03/07 09:41 PM	1 GAL	Sewer Service Line	KK13953019	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	635427	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #635494 - REPLACED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1445 NIGHTINGAL	08/21/06 11:53 AM	08/21/06 12:03 PM	10 GAL	Sewer Service Line	KK14376069	ROOTS IN PROPERTY SERVICE CONN.	ROOTS	635896	PROPERTY OWNER CLEANED AREA	ROOT CUT AND REPLACED 8' OF PROP. SERV. CONN. AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	1645 TAYLOR AVE	01/02/07 8:30 PM	01/02/07 09:30 PM	3 GAL	Sewer Service Line	KK14915019	ROOTS IN MAIN SEWER	ROOTS	627200	PROPERTY OWNER CLEANED AREA	WORK ORDER #627618 - ROOT CUT SEWER. WORK ORDER #627334 - REPAIR SEWER & INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	4173 SHERMAN AV	09/04/06 6:20 PM	09/04/06 06:50 PM	5 GAL	Sewer Service Line	KK14955019	UNDETERMINE UNTIL FURTHER INVESTIGATION IS DONE	ROOTS	585973	CUSTOMER REFUSED THE CLEAN UP CREW	UNTIL FURTHER INVESTIGATION IS DONE
MORRIS FORMAN	KY0022411	1375 BELMAR DR	10/20/06 10:38 AM	10/20/06 10:43 AM	10 GAL	Sewer Service Line	KK15011029	UNKNOWN BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	629033	AREA WASHED DOWN	WO# 602709 REPLACED 55' OF 6" PROP SERV CONN & INSTALLED CLEAN OUT
MORRIS FORMAN	KY0022411	1256 S BROOK ST	07/21/06 6:25 PM	07/21/06 06:35 PM	10 GAL	Sewer Service Line	L07960049	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	628459	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	FLUSHED MAIN SEWER
MORRIS FORMAN	KY0022411	537 E ORMSBY AVE	09/06/06 5:20 PM	09/06/06 05:30 PM	10 GAL	Sewer Service Line	L13849049	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	635504	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	FLUSHED, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	618 EASTERN PKY	07/11/06 10:51 AM	07/11/06 11:00 AM	10 GAL	Sewer Service Line	L16418029	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627350	PROPERTY OWNER CLEANED SINK IN BASEMENT	WO# 570719 ROOT CUT, WO# 570564 REPLACED 25 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3959 STAEBLER AV	05/02/07 11:00 AM	05/02/07 12:30 PM	1 GAL	Sewer Service Line	LL11388019	OBSTRUCTION IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	664147	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #664120 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	208 IOLA RD	12/03/06 11:00 AM	12/03/06 11:22 AM	3 GAL	Sewer Service Line	MA09177029	GREASE IN PROPERTY SERVICE CONNECTION	GREASE BLOCKAGE	615263	MSD'S CONTRACTOR TO CLEAN BASEMENT AREA.	WORK ORDER #615266 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3420 LEXINGTON F	08/21/06 2:37 PM	08/21/06 02:47 PM	25 GAL	Sewer Service Line	MA09368069	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	630906	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN. CLAIM SUBMITTED. REIMBURSEMENT IN THE AMOUNT OF \$150.00 FOR PLUMBER BILL.	ROOT CUT, REPLACED 8 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	427 FAIRLAWN RD	10/19/06 2:31 PM	10/19/06 02:36 PM	10 GAL	Sewer Service Line	MA09408019	ROOTS	ROOTS	630903	AREA WASHED DOWN	ROOT CUT & BRUSH CUT PSC/INSTALLED 2" OF 6" AND A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	3503 NANZ AVE	02/25/07 2:45 PM	02/25/07 03:30 PM	1 GAL	Sewer Service Line	MA09987039	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	641839	CUSTOMER CLEANED AREA	WORK ORDER #641936 - ROOT CUT; WORK ORDER # 641850
MORRIS FORMAN	KY0022411	915 IOLA RD	04/07/07 3:25 PM	04/07/07 05:40 PM	1 GAL	Sewer Service Line	MA10559019	MAIN SEWER WAS OBSTRUCTED WITH ROOTS	ROOTS	654752	PROPERTY CLEANED AREA	WORK ORDER #654740 - ROOT CUT THE MAIN SEWER

**APPENDIX D
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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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3919 WARNER AVE	12/07/06 10:32 AM	12/07/06 01:30 PM	3 GAL	Sewer Service Line	MA11692019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	619167	PROPERTY OWNER DID NOT WANT MSD TO CLEAN	WORK ORDER #618148 - ROOT CUT TOWARDS THE MAIN SEWER
MORRIS FORMAN	KY0022411	912 BURNING SPRING	10/10/06 8:58 AM	10/10/06 10:43 AM	1 GAL	Sewer Service Line	MT09975059	FOUND ROOTS	ROOTS	608128	CLAIM WO#595704 FOR IDS	TVLIS WO#595742; PSCR WO#595759
MORRIS FORMAN	KY0022411	2212 GRAND AVE	10/02/06 3:04 PM	10/02/06 03:09 PM	10 GAL	Sewer Service Line	O02837019	ROOTS IN PROP. SERV. CONN.	ROOTS	628656	AREA WASHED DOWN	ROOT CUT AND FLUSHED SERVICE LINE
MORRIS FORMAN	KY0022411	2317 HALE AVE	10/27/06 2:10 PM	10/27/06 02:15 PM	5 GAL	Sewer Service Line	O02915119	ROOTS	ROOTS	629167	NO BACKUP AT THIS TIME	ROOT CUT & INSTALLED 2-WAY C/O
MORRIS FORMAN	KY0022411	2520 HALE AVE	03/19/07 11:30 AM	03/19/07 02:30 PM	1 GAL	Sewer Service Line	O02921549	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	646425	CUSTOMER CLEANED THE AREA	WORK ORDER 646484 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT AND INSTALLED A MANHOLE OVER THE CLEANOUT
MORRIS FORMAN	KY0022411	1115 SOUTHWEST	12/18/06 9:40 AM	12/18/06 09:45 AM	10 GAL	Sewer Service Line	P06416029	STRUCTURAL DAMAGE/MAIN SEWER LINE DEFORMED	STRUCTURAL FAILURE	631590	AREA WASHED DOWN	MAIN SEWER LINE FLUSHED 449/SEE WORK ORDER HISTORY
MORRIS FORMAN	KY0022411	3104 GRAND AVE	12/19/06 8:00 PM	12/19/06 08:27 PM	2 GAL	Sewer Service Line	P10177019	BROKEN DOWN PIPE AT THE JOINT	STRUCTURAL FAILURE	620705	UNKNOWN	WORK ORDER #620740 - USED FLUSHER & GOT P/O OPEN.
MORRIS FORMAN	KY0022411	2706 VIRGINIA AV	10/17/06 11:22 AM	10/17/06 11:27 AM	10 GAL	Sewer Service Line	P10749019	DEBRIS IN MAIN	OBSTRUCTION-NOT GREASE / ROOTS	628947	AREA WASHED DOWN	WO# 597474 VACTORED LINE, WO# 597661 FLUSHED LINE
MORRIS FORMAN	KY0022411	211 MERIDIAN AV	08/03/06 8:08 PM	08/03/06 08:13 PM	10 GAL	Sewer Service Line	P4244	PROPERTY SERVICE CONNECTION HAD A CHUNK OF PLASTIC PIPE STUCK WHERE THE PVC & VCP PIPE MEET.	OBSTRUCTION-NOT GREASE / ROOTS	635727	AREA WASHED DOWN	FLUSHED AND CLEARED OBSTRUCTION FROM THE LINE
MORRIS FORMAN	KY0022411	2353 SARATOGA D	02/02/07 10:30 AM	02/02/07 12:30 PM	2 GAL	Sewer Service Line	P5259	MSD'S PROPERTY SERVICE CONNECTION WAS CONNECTED TO WRONG LINE	STRUCTURAL FAILURE	635376	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #635453 - REPAIRED MSD'S CLEANOUT AND HOOKED PROP SERV CONN TO THE CORRECT LINE
MORRIS FORMAN	KY0022411	1301 FOREST DR	01/30/07 2:41 PM	02/12/07 11:30 AM	1 GAL	Sewer Service Line	PA06483029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	634575	CUSTOMER CLEANED AREA	WORK ORDER 634370 - INSTALLED A TY CLEANOUT
MORRIS FORMAN	KY0022411	3618 E INDIAN TRL	11/06/06 12:50 PM	11/06/06 12:55 PM	10 GAL	Sewer Service Line	PA06706029	ROOTS IN PROP. SERV. CONN.	ROOTS	630552	AREA WASHED DOWN	ROOT CUT AND VACTORED SERVICE LINE
MORRIS FORMAN	KY0022411	4301 NAOMI DR	11/07/06 9:29 AM	11/07/06 09:34 AM	10 GAL	Sewer Service Line	PA06776239	ROOTS	ROOTS	630507	AREA WASHED DOWN	EXCAVATED/OPENED BLOCKAGE ON P/O & MSD/REPLACED 6' OF 6" PIPE/INSTALLED CLEANPUT AT P/L
MORRIS FORMAN	KY0022411	5007 MANSFIELD L	10/02/06 12:55 PM	10/02/06 01:00 PM	10 GAL	Sewer Service Line	PA09020099	ROOTS IN PROP. SERV. CONN.	ROOTS	628583	AREA WASHED DOWN	ROOT CUT AND FLUSHED SERVICE LINE
MORRIS FORMAN	KY0022411	5308 RIDGECREST	12/28/06 11:50 AM	12/28/06 12:20 PM	3 GAL	Sewer Service Line	PA09297059	ROOT CUTTING MAIN SEWER CAUSING A BACKLASH AT FLOOR DRAIN.	ROOTS	626445	MSD'S CONTRACTOR CLEANED AREA	MAIN SEWER WAS CLEARED OF ROOTS
MORRIS FORMAN	KY0022411	4509 SAMARA DR	05/29/07 5:07 PM	05/29/07 05:09 PM	1 GAL	Sewer Service Line	PA09842089	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	671539	CUSTOMER HAS CLEANED AREA	WORK ORDER#671639 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5000 ELLINGTON A	01/18/07 4:35 PM	01/18/07 05:00 PM	2 GAL	Sewer Service Line	PA10743049	ROOTS AT THE CLEANOUT	ROOTS	631380	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #631543 - REPAIRED PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	4905 PRESTON DR	07/07/06 6:48 PM	07/07/06 06:59 PM	10 GAL	Sewer Service Line	PA12278019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627249	PROPERTY OWNER CLEANED FIRST FLOOR BATHROOM FACILITY	REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION WITH A "T"
MORRIS FORMAN	KY0022411	1124 LORETTA ST	02/01/07 12:20 PM	02/01/07 01:20 PM	5 GAL	Sewer Service Line	PB10101029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	634835	CUSTOMER CLEANED AREA	WORK ORDER #634833 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT

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MORRIS FORMAN	KY0022411	1128 LORETTA ST	05/03/07 10:00 PM	05/03/07 10:30 PM	1 GAL	Sewer Service Line	PB10103019	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD PORTION	ROOTS	664551	CUSTOMER CLEANED	WORK ORDER #664550 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	5908 LORETTA ST	08/03/06 12:29 PM	08/03/06 12:40 PM	10 GAL	Sewer Service Line	PB10950019	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629120	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 10 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	902 W INDIAN TRL	08/31/06 11:08 AM	08/31/06 11:18 AM	10 GAL	Sewer Service Line	PB10974059	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	633363	PROPERTY OWNER CLEANED AREA IN BATHROOM FACILITY	ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED TWO WAY CLEANOUT
MORRIS FORMAN	KY0022411	1637 DIXDALE AVE	10/04/06 2:45 PM	10/04/06 02:50 PM	10 GAL	Sewer Service Line	R04399049	ROOTS AND SILT BLOCKING MAIN	ROOTS	629043	AREA WASHED DOWN	ROOT CUT AND CLEARED MAIN
MORRIS FORMAN	KY0022411	2902 7TH STREET E	06/02/07 8:30 PM	06/02/07 09:00 PM	1 GAL	Sewer Service Line	RR09886039	ROOTS OBSTRUCTION IN MAIN SEWER	ROOTS	672359	CUSTOMER CLEANED	WORK ORDERS #672448 & #672452 - MSD ROOT CUT AND FLUSHED THE MAIN SEWER
MORRIS FORMAN	KY0022411	1572 LONEY LN	07/13/06 1:21 PM	07/13/06 01:30 PM	10 GAL	Sewer Service Line	RR10550049	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627742	PROPERTY OWNER CLEANED BATHROOM FACILITY	WO# 570853 ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	3039 TAYLOR BLV	07/31/06 3:50 PM	07/31/06 03:55 PM	10 GAL	Sewer Service Line	T06597019	NO CAP FOR CLEANOUT / WATER IN LINE	STRUCTURAL FAILURE	637886	PROPERTY OWNER ELECTED TO CLEAN AREA	MSD FLUSHED / CLEANED LINE
MORRIS FORMAN	KY0022411	1165 LINCOLN AVE	07/18/06 8:36 PM	07/18/06 08:45 PM	10 GAL	Sewer Service Line	T07082089	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	635308	PROPERTY OWNER CLEANED AFFECTED AREA	ROOT CUT PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2832 TAYLOR BLV	12/21/06 1:00 PM	12/21/06 01:48 PM	3 GAL	Sewer Service Line	T07360089	ROOTS ON MSD & ON PRIVATE PROPERTY	ROOTS	621650	THE PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #624708 - RODDED PROPERTY SERVICE CONNECTION, TO OPEN LINE AND INSTALLED A 2-WAY CLEANOUT.
MORRIS FORMAN	KY0022411	1423 LARCHMONT	04/01/07 2:24 PM	04/01/07 05:00 PM	1 GAL	Sewer Service Line	T07984019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	653320	MSD CLEANING CONTRACTOR CLEANED AREA.	WORK ORDER #653316 - ROOT CUT THE PROPERTY SERVICE CONNECTION - COURTESY ROOT CUT ON PRIVATE PROPERTY TO OPEN THEIR LINE
MORRIS FORMAN	KY0022411	109 E TENNY AVE	06/09/07 2:00 PM	06/09/07 03:05 PM	1 GAL	Sewer Service Line	V09349469	ROOTS AT THE SHARED CONNECTION	ROOTS	673421	CUSTOMER CLEANED AREA	WORK ORDER #673383 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT; WORK ORDER #673384 - MSD SLIP LINE TO THE MAIN SEWER
MORRIS FORMAN	KY0022411	330 BOXLEY AVE	12/13/06 11:00 AM	12/13/06 01:00 PM	80 GAL	Sewer Service Line	V11040059	MAIN SEWER BROKE DOWN	STRUCTURAL FAILURE	619646	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #619743 - INSTALLED 6' OF 8" MAIN SEWER/ INSTALLED 24" MANHOLE
MORRIS FORMAN	KY0022411	1238 BICKNELL AV	07/17/06 2:51 PM	07/17/06 03:00 PM	10 GAL	Sewer Service Line	W11421039	ROOTS IN SERVICE CONNECTION	ROOTS	634900	PROP OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 5' OF SERVICE CONNECTION, INSTALLED 2-WAY C/O
MORRIS FORMAN	KY0022411	7718 MACKIE LN	07/15/06 11:26 AM	08/31/06 02:42 PM	100 GAL	Sewer Service Line	WW10008029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	628171	PROPERTY OWNER SUBMITTED CLAIM FOR DAMAGE CLEANUP	CLEANING SERVICE CONTACTED
MORRIS FORMAN	KY0022411	1807 PRINCETON D	04/26/07 8:20 PM	04/26/07 09:20 PM	1 GAL	Sewer Service Line	X02527029	ROOTS IN PROPERTY SERVICE CONNECTION ON MSD PORTION	ROOTS	661489	CLEANUP OFFERED AND DECLINED CUSTOMER WILL CLEAN	ROOT CUT - WORK ORDER #661533 - ROOT CUT 3 TIMES AND GOT LINE OPEN
MORRIS FORMAN	KY0022411	1907 BARDSTOWN	01/08/07 3:30 PM	01/08/07 04:48 PM	1 GAL	Sewer Service Line	X06050059	SOLIDS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	628296	PROPERTY OWNER CLEANED AREA	WORK ORDER #628622 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2105 SPEED AVE	08/03/06 1:02 PM	08/03/06 01:12 PM	10 GAL	Sewer Service Line	X06400099	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629152	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 16 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
MORRIS FORMAN	KY0022411	2024 SHERWOOD A	06/28/07 9:30 PM	06/28/07 10:00 PM	1 GAL	Sewer Service Line	X07053069	ROOTS AT THE PROPERTY LINE	ROOTS	681416	CUSTOMER CLEANED	WORK ORDER #681464-MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	9 EDMONIA AVE	03/12/07 10:50 PM	03/12/07 11:20 PM	1 GAL	Sewer Service Line	XX07717029	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	645087	CUSTOMER CLEANED AREA	WORK ORDER 645094 - REVERSED FLUSHED

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MORRIS FORMAN	KY0022411	3220 CAWEIN WAY	04/10/07 12:30 PM	04/10/07 01:15 PM	10 GAL	Sewer Service Line	XX10374019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	655428	PROPERTY OWNER AT THIS TIME.	WORK ORDER - #655422 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3235 CAWEIN WAY	02/17/07 10:35 AM	02/17/07 10:55 AM	10 GAL	Sewer Service Line	XX10417059	ROOTS IN MAIN SEWER AND IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	639066	CUSTOMER CLEANED AREA	WORK ORDER #639098 - ROOT CUT MAIN SEWER. WORK ORDER #639100 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	3512 DEIBEL WAY	08/28/06 1:50 PM	08/28/06 02:00 PM	10 GAL	Sewer Service Line	XX10652069	ROOTS IN MAIN	ROOTS	634875	PROPERTY OWNER CLEANED AFFECTED AREA (REIMBURSED FOR CLEANING SUPPLYS AND PLUMBERS BILL)	ROOT CUT 260 FEET OF PROPERTY SERVICE CONNECTION
MORRIS FORMAN	KY0022411	2703 SHEILA DR	06/29/07 10:00 AM	06/29/07 11:45 AM	2 GAL	Sewer Service Line	XX11693019	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	681488	MSD'S CLEANING CONTRACTOR CLEANED AREA ONLY	WORK ORDER #681475 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2608 MEADOW DR	02/20/07 6:35 PM	02/20/07 07:00 PM	2 GAL	Sewer Service Line	XX12242029	WHILE MSD WAS FLUSHING MAIN - SEWER WATER BACKWASHED	OBSTRUCTION-NOT GREASE / ROOTS	641072	MSD'S CONTRACTOR CLEANED AREA	NONE NEEDED
MORRIS FORMAN	KY0022411	942 PALATKA RD	04/14/07 6:29 PM	04/14/07 06:43 PM	1 GAL	Sewer Service Line	Y13770059	ROOTS AT MSD'S PROPERTY SERVICE LINE	ROOTS	657782	CUSTOMER CLEANED AREA	WORK ORDER#657817 - REPAIRED THE PROPERTY SERVICE LINE AND INSTALLED A 2-WAY CLEANOUT
MORRIS FORMAN	KY0022411	2538 TREVILIAN W	01/02/07 1:50 PM	01/02/07 02:30 PM	2 GAL	Sewer Service Line	Z20200049	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	627650	PROPERTY OWNER CLEANED AREA	WORK ORDER #627232 - MSD REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED CLEANOUT
MORRIS FORMAN	KY0022411	2553 DELL RD	08/19/06 5:37 PM	08/19/06 05:47 PM	30 GAL	Sewer Service Line	Z20728019	ROOTS IN MAINLINE DUE TO LGE GAS LINE BORING THROUGH MSD SEWER	ROOTS	630337	CLAIM SUBMITTED. THIRD PARTY CLEANED AREA. CLAIM TURNED OVER TO LGE.	ROOT CUT, REPLACED 8 FEET OF DAMAGED SEWER MAIN.
MORRIS FORMAN	KY0022411	2547 DELL RD	08/25/06 5:50 PM	08/25/06 06:19 PM	2 GAL	Sewer Service Line	Z20736019	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION VERIFIED BY TV (WO #580953)	ROOTS	580954	WORK ORDER #580940 - SUPERVISOR CONTACTED PURVIS CLEANING SERVICE TO CLEAN AND DISINFECT THE AREA.	WO #581007 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION, WO #581081 - MSD ROOT CUT THE MAIN SEWER AND WO #581082 - MSD FLUSHED THE SEWER.
MORRIS FORMAN	KY0022411	2402 VALLETTA RD	05/07/07 11:30 AM	05/07/07 01:31 PM	1 GAL	Sewer Service Line	Z20864029	ROOTS ON THE MSD PORTION AND ON PRIVATE PROPERTY IN THE PROPERTY SERVICE CONNECTION.	ROOTS	664861	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #664864 MSD ROOTCUT THE PROPERTY SERVICE CONNECTION. MSD ADVISED CUSTOMER TO GET A PLUMBER TO OPEN HIS SECTION OF SERVICE LINE.
MORRIS FORMAN	KY0022411	1710 CLAYTON RD	09/20/06 9:30 PM	09/20/06 10:00 PM	1 GAL	Sewer Service Line	Z24904029	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	590015	PO DECLINED CLEAN UP	WO# 590018 REPLACED 6' OF 6" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID/ WO# 590135 ROOT CUT
MORRIS FORMAN	KY0022411	2026 TYLER LN	05/08/07 2:45 PM	05/08/07 03:45 PM	1 GAL	Sewer Service Line	Z27504019	BLOCKAGE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	OBSTRUCTION-NOT GREASE / ROOTS	665119	PROPERTY OWNER CLEANED THE AFFECTED AREA	WORK ORDER 665117 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	5813 BRANDYWYN	07/11/06 1:06 PM	07/11/06 01:15 PM	10 GAL	Sewer Service Line	114895813	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	627379	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	WO# 570751 ROOT CUT, REPLACED 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
CEDAR CREEK	KY0089540	5900 SHELBY ST	08/09/06 7:43 PM	08/09/06 07:48 PM	10 GAL	Sewer Service Line	123395900	PROPERTY SERVICE CONNECTION BROKE DOWN	STRUCTURAL FAILURE	635576	AREA WASHED DOWN	WO# 578144 REPLACED 6' OF 4" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
CEDAR CREEK	KY0089540	7104 GORHAM WA	05/04/07 9:10 AM	05/04/07 10:20 AM	40 GAL	Sewer Service Line	183070	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	664594	MSD'S CLEANING CONTRACTOR PERFORMED A FULL CLEANUP	WORK ORDERS #664716 & #664858 - ROOT CUT TO OPEN LINE; WORK ORDER #664637 - MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOU
CEDAR CREEK	KY0089540	9319 CLOVERWOO	01/03/07 1:45 PM	01/03/07 02:40 PM	1 GAL	Sewer Service Line	3	ROOTS IN MSD PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	627328	PROPERTY OWNER WAS NOT HOME TO INSPECT	WORK ORDER #627590 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT. WORK ORDER #627714 - ROOT CUT. WORK ORDER #627716 - ROOT CUT
CEDAR CREEK	KY0089540	6805 BLACKHORSE	12/01/06 11:26 AM	12/01/06 11:31 AM	10 GAL	Sewer Service Line	BE02324629	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631566	CUSTOMER CLEANED AREA	WORK ORDER# 615222 - ROOT CUT AND FLUSHED SERVICE LINE. INSTALLED CLEANOUT. MSD ADVISED CUSTOMER TO CONTACT PLUMBER TO REPAIR THEIR SIDE OF PROBLEM
CEDAR CREEK	KY0089540	6900 STABLELAKE	04/05/07 1:30 PM	04/05/07 02:12 PM	1 GAL	Sewer Service Line	BE02362269	ROOTS AT THE SHARED JOINT	ROOTS	654308	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #654585 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	6903 CEDAR LAKE	11/25/06 11:07 AM	11/25/06 11:12 AM	10 GAL	Sewer Service Line	BE02367769	ROOTS IN PROP. SERV. CONN.	ROOTS	631479	AREA WASHED DOWN	ROOT CUT, FLUSHED AND REPLACED 8' OF 6" SERVICE LINE WITH 2-WAY CLEANOUT

**APPENDIX D
OVERFLOWS TO INTERIOR
JULY 1, 2006 THROUGH JUNE 30, 2007**

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
CEDAR CREEK	KY0089540	6903 HOLLY LAKE	04/14/07 5:45 PM	04/14/07 06:00 PM	1 GAL	Sewer Service Line	BE02370459	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	657791	CUSTOMER CLEANED AREA	WORK ORDER#657790 - REPAIR THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	9315 CLOVERWOOD	10/11/06 12:36 PM	10/11/06 12:41 PM	10 GAL	Sewer Service Line	BE09076219	ROOTS	ROOTS	628595	AREA WASHED DOWN	EXCAVATED/ROOT CUT LINE BOTH WAYS/REPLACED 3' OF PIPE WITH A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	5503 CROSSWOOD	07/17/06 12:50 PM	07/17/06 01:00 PM	10 GAL	Sewer Service Line	BE09076849	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628272	PROPERTY OWNER CLEANED BATHROOM FACILITY	ROOT CUT, REPLACED 10 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
CEDAR CREEK	KY0089540	9311 CLOVERWOOD	01/31/07 2:45 PM	01/31/07 03:45 PM	1 GAL	Sewer Service Line	BE09078089	ROOTS IN MSD'S PORTION OF PROPERTY SERVICE CONNECTION	ROOTS	634525	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #634524 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
CEDAR CREEK	KY0089540	9508 FAIRGROUND	09/20/06 11:00 PM	09/20/06 11:30 PM	2 GAL	Sewer Service Line	BE09092829	UNDETERMINED OBSTRUCTION ON MSD PORTION UPDATE:12/03/06 LINE WAS PACKED FULL OF GREASE PER W/O#590013	GREASE BLOCKAGE	590011	CONTACTED RAGLAND @ 11:30PM TO CLEAN UP	WO# 590013 REPLACED 12' OF 4" PIPE WITH A 2-WAY CLEAN OUT VAULT AND LID
CEDAR CREEK	KY0089540	9703 MICHAEL ED	10/28/06 3:15 PM	10/28/06 03:20 PM	10 GAL	Sewer Service Line	BE09117279	WO#602395/BLOCKAGE ON MSD'S PORTION AND EVIDENCE OF ROOTS ON P/P	ROOTS	630885	AREA WASHED DOWN	ROOT CUT PSC 80' OUT TO MAIN
CEDAR CREEK	KY0089540	5103 FIRWOOD LN	08/02/06 4:19 PM	08/02/06 04:29 PM	10 GAL	Sewer Service Line	BE09118229	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629039	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 4 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
CEDAR CREEK	KY0089540	5101 IDLEWOOD L	02/28/07 9:30 AM	02/28/07 10:30 AM	1 GAL	Sewer Service Line	BE09120659	PLUG MISSING AT THE STUB AND MAIN SEWER BROKE ON THE SIDE	STRUCTURAL FAILURE	642271	PROPERTY OWNER CLEANED THE AREA	WORK ORDER #642286 - REPAIR THE MAIN SEWER
CEDAR CREEK	KY0089540	5101 IDLEWOOD L	06/05/07 10:20 AM	06/05/07 11:30 AM	1 GAL	Sewer Service Line	BE09120659	BROKEN PIECES OF PIPE IN THE PROPERTY SERVICE CONNECTION AND MINOR ROOTS	OBSTRUCTION-NOT GREASE / ROOTS	672661	CUSTOMER CLEANED AREA	WORK ORDERS 682752, 675255 AND 675876 - ROOT CUT THE PROPERTY SERVICE CONNECTION, FLUSHED THE LINE AND SLIP LINED
CEDAR CREEK	KY0089540	5100 IDLEWOOD L	04/23/07 10:30 AM	04/23/07 10:50 AM	2 GAL	Sewer Service Line	BE09120859	BLOCKAGE IN MSD'S PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	660434	CUSTOMER CLEANED AREA	WORK ORDER 660436 - VACTORED LINE AND OPEN LINE
CEDAR CREEK	KY0089540	9511 MICHAEL ED	02/19/07 1:15 PM	02/19/07 01:45 PM	1 GAL	Sewer Service Line	BE09144889	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	640917	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #641129 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #640932 - INSTALLED A - 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	10005 PENDEL LN	12/25/06 11:00 PM	12/26/06 01:00 AM	50 GAL	Sewer Service Line	BE09307839	ROOTS IN MAIN SEWER	ROOTS	624985	MSD'S CONTRACTOR CLEANED AREA	WORK ORDER #624983 - MSD ROOT CUT MAIN SEWER
CEDAR CREEK	KY0089540	9919 SPRIG WAY	01/21/07 10:35 PM	01/21/07 10:40 PM	30 GAL	Sewer Service Line	BE09312239	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	631917	MSD'S CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER #631922 - ROOT CUT MAIN SEWER
CEDAR CREEK	KY0089540	5100 SPRUCEWOOD	12/10/06 10:26 AM	12/10/06 10:31 AM	10 GAL	Sewer Service Line	BE09345829	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	631583	CUSTOMER CLEANED AREA	WO# 618634 ROOT CUT LINE, REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	5102 OLD BILLOTOW	08/23/06 11:34 AM	02/05/07 12:00 AM	10 GAL	Sewer Service Line	BE09359239	BLOCKAGE IN PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	631146	CLAIM SUBMITTED. THIRD PARTY CLEANED AREA IN BATHROOM.	REMOVED BLOCKAGE
CEDAR CREEK	KY0089540	5306 BILLOTOWN RD	03/14/07 11:15 AM	03/14/07 11:50 AM	2 GAL	Sewer Service Line	BE09368419	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	645582	CUSTOMER CLEANED AREA	WORK ORDER #645792 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	9010 STOCKTON C	11/20/06 3:19 PM	11/20/06 03:24 PM	10 GAL	Sewer Service Line	BE09737829	ROOTS IN PROP. SERV. CONN.	ROOTS	631230	AREA WASHED DOWN	ROOT CUT AND REPLACED 6' OF PIPE WITH A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	9115 DANBY CT	01/12/07 1:50 PM	01/12/07 02:22 PM	1 GAL	Sewer Service Line	BE09751499	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	629717	CUSTOMER CLEANED AREA	WORK ORDER #630110 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	9112 BRANDYWYN	08/27/06 7:17 PM	08/27/06 07:35 PM	10 GAL	Sewer Service Line	BE09769269	ROOTS IN MAIN.	ROOTS	581101	WO #581259 - IDS CLEANING SERVICES CONTACTED TO CLEAN UP BASEMENT, APPROX 200 SQ FT AFFECTED.**YIS**	WO #585845 & 581098 - MSD ROOT CUT 350 FT OF SEWER TO CLEAR THE OBSTRUCTION. ADVISED PROPERTY OWNER TO ROOT CUT ON PRIVATE PROPERTY.

**APPENDIX D
OVERFLOWS TO INTERIOR
JULY 1, 2006 THROUGH JUNE 30, 2007**

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
CEDAR CREEK	KY0089540	8102 FLORIST RD	04/14/07 12:00 PM	04/14/07 12:00 PM	700 GAL	Sewer Service Line	BW05276019	ROOTS IN THE MAIN SEWER	ROOTS	657788	MSD'S CLEANING CONTRACTOR CLEANED AREA	WORK ORDER #657879 - MSD ROOT CUT MAIN SEWER
CEDAR CREEK	KY0089540	8117 LA FON AVE	01/19/07 6:00 PM	01/21/07 09:13 AM	5 GAL	Sewer Service Line	BW05326029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	631879	THE PROPERTY OWNER CLEANED THE AREA	WORK ORDER #631883 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	8316 HUNTSMAN T	09/08/06 2:20 PM	09/08/06 02:50 PM	5 GAL	Sewer Service Line	BW06121029	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	588669	THE PROPERTY OWNER CLEANED THE AREA	WORK ORDER #631883 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	8504 FIELD TRAILS	02/27/07 6:45 PM	02/27/07 07:10 PM	2 GAL	Sewer Service Line	BW0698705	ROOTS IN PROPERTY SERVICE CONNECTION & MAIN SEWER	ROOTS	642233	CUSTOMER CLEANED AREA	WORK ORDER #642300 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	8508 FIELD TRAILS	07/25/06 10:41 AM	07/25/06 10:51 AM	10 GAL	Sewer Service Line	BW0698902	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	628585	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 5 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED 2 WAY CLEANOUT
CEDAR CREEK	KY0089540	8609 RUNNING FO	01/15/07 9:35 AM	01/15/07 07:28 PM	1 GAL	Sewer Service Line	BW0699209	ROOTS IN PROPERTY SERVICE CONNECTION AND AT MAIN SEWER	ROOTS	633736	PROPERTY OWNER NOT HOME AT TIME OF INSPECTON	WORK ORDER #630519 - REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT.
CEDAR CREEK	KY0089540	8717 RUNNING FO	10/30/06 1:40 PM	10/30/06 02:20 PM	1 GAL	Sewer Service Line	BW0702302	ROOTS AT THE 4"-6" HOOKUP. BOTH PARTIES RESPONSIBLE	ROOTS	602660	CALLED IDS FOR CLEANUP ONLY	EXCAVATED AND OPEN PSC. INSTALLED C/O. SEE WO#603047
CEDAR CREEK	KY0089540	6709 SANTOM LN	06/04/07 5:45 PM	06/04/07 06:30 PM	1 GAL	Sewer Service Line	BW0719302	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	672648	PROPERTY OWNER CLEANED AREA.	MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT. WORK ORDER #672863 - MSD ROOT CUT THE LINE
CEDAR CREEK	KY0089540	6611 WOODBARK I	08/07/06 12:57 PM	08/07/06 01:07 PM	10 GAL	Sewer Service Line	BW0720002	ROOTS IN PROPERTY SERVICE CONNECTION	ROOTS	629203	PROPERTY OWNER CLEANED AREA AROUND FLOOR DRAIN	ROOT CUT, REPLACED 10 FEET OF MAIN SEWER AND 6 FEET OF PROPERTY SERVICE CONNECTION, INSTALLED CLEANOUT, RESTORED DRIVEWAY APRON
CEDAR CREEK	KY0089540	8806 MOUNT GERA	06/09/07 3:30 PM	06/09/07 04:30 PM	1 GAL	Sewer Service Line	BW0724603	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION AND ON PRIVATE PROPERTY	ROOTS	674546	CUSTOMER HAD ALREADY CLEANED	WORK ORDER 674545 - ROOT CUT THE PROPERTY SERVICE CONNECTION AND ADVISED CUSTOMER TO CONTACT PLUMBER FOR THEIR REPAIRS
CEDAR CREEK	KY0089540	8706 WHARTON CT	04/04/07 10:45 AM	04/05/07 09:10 AM	10 GAL	Sewer Service Line	BW0727901	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	654052	CUSTOMER STATES HE WILL CLEAN AREA	WORK ORDER #654238 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
CEDAR CREEK	KY0089540	7610 JOHNSON SCH	05/18/07 11:15 AM	05/21/07 04:00 PM	1 GAL	Sewer Service Line	BW07661049	ROOTS ON MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	668284	CUSTOMER HAS ALREADY CLEANED AREA	WORK ORDER # 668279 -MSD REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
BANCROFT	KY0039021	7505 GREENLAWN	11/12/06 6:15 AM	11/12/06 06:20 AM	10 GAL	Sewer Service Line	T1797505A	ROOTS	ROOTS	619461	AREA WASHED DOWN	EXCAVATED/ROOT CUT TO MAIN/INSTALLED 2 WAY CLEANOUT/BACKFILLED/ADDED VAULT/LID WORK ORDER # 503843
HUNTING CREEK NO	KY0029106	7209 FOX HARBOR	08/01/06 12:22 PM	08/01/06 12:27 PM	10 GAL	Sewer Service Line	111207209	PROPERTY SERVICE CONNECTION WAS BROKEN DOWN	STRUCTURAL FAILURE	635641	AREA WASHED DOWN	EXCAVATED AND MADE REPAIRS TO THE PROPERTY SERVICE CONNECTION.
HUNTING CREEK NO	KY0029106	7400 HADDINGTON	04/06/07 6:30 PM	04/06/07 08:35 PM	1 GAL	Sewer Service Line	EP54290519A	SWAG IN MAIN SEWER CAUSING GREASE TO BUILD UP	STRUCTURAL FAILURE	657436	CUSTOMER CLEANED	PER TOM MIDDELER, MANAGER - WILL HAVE OUTSIDE CONTRACTOR REPAIR THE SEWER
HUNTING CREEK SO	KY0029114	6602 FOXCROFT RD	01/15/07 7:29 AM	01/15/07 11:49 AM	1 GAL	Sewer Service Line	EP46540019	ROOTS ON PRIVATE PROPERTY	ROOTS	634847	CUSTOMER CLEANED AREA	WORK ORDER #630307 - MSD REMOVED ROOTS FROM THEIR SIDE. PROPERTY OWNER NEEDS TO CONTACT PLUMBER TO REPAIR THEIR SIDE.
HUNTING CREEK SO	KY0029114	8115 MONTERO DR	11/27/06 3:57 PM	11/27/06 04:02 PM	10 GAL	Sewer Service Line	EP48505039	ROOTS IN PROP SERV CONN	ROOTS	631328	AREA WASHED DOWN	WO# 612358 ROOT CUT LINE, REPLACED 8' OF 4" PIPE & INSTALLED A 2-WAY CLEAN OUT
TIMBERLAKE	KY0043087	7012 ROCK HILL R	12/20/06 9:30 PM	12/20/06 10:17 PM	5 GAL	Sewer Service Line	EP44922529	GRAVEL OBSTRUCTION IN SEWER LINE DUE TO INSIGHT COMMUNICATIONS	UTILITY DAMAGED MSD ASSET	621200	NO CLEANUP NEEDED	REVERSED FLUSHED PSC AND GOT LINE OPEN
FLOYDS FORK	KY0102784	809 N POPE LICK R	06/27/07 11:30 PM	06/28/07 12:05 AM	1 GAL	Sewer Service Line	12532809	ROOTS IN MSD'S PORTION OF THE CLEANOUT	ROOTS	681227	MSD'S CLEANING CONTRACTOR PROVIDED FULL CLEAN UP	WORK ORDERS #681487 & #681354 MSD ROOT CUT THE PROPERTY SERVICE CONNECTION, REPLACED PIPE AND INSTALLED A 2-WAY CLEANOUT

**APPENDIX D
OVERFLOWS TO INTERIOR
JULY 1, 2006 THROUGH JUNE 30, 2007**

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	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
FLOYDS FORK	KY0102784	15208 CHESTNUT R	08/05/06 12:45 PM	08/05/06 12:55 PM	10 GAL	Sewer Service Line	137555104	PROPERTY SERVICE CONNECTION COLLAPSED	STRUCTURAL FAILURE	629169	PROPERTY OWNER CLEANED BATHROOM FACILITY	REPLACED PROPERTY SERVICE CONNECTION FROM SEWER MAIN TO PROPERTY LINE
FLOYDS FORK	KY0102784	12504 FARMBROOK	08/21/06 12:49 PM	09/27/06 10:42 PM	10 GAL	Sewer Service Line	139121	ROOTS IN MAIN SEWER LINE	ROOTS	630498	DAMAGE CLAIM SUBMITTED. THIRD PARTY CLEANED AREA.	ROOT CUT SEWER MAIN
FLOYDS FORK	KY0102784	12518 FARMBROOK	02/25/07 6:35 PM	02/25/07 06:55 PM	5 GAL	Sewer Service Line	139131	ROOTS IN MAIN SEWER AND PROPERTY SERVICE CONNECTION	ROOTS	641848	CUSTOMER CLEANED AREA	WORK ORDER #641965 - ROOT CUT PROPERTY SERVICE CONNECTION; WORK ORDER #641847 - INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	2001 FANDANGO C	10/14/06 12:04 PM	10/14/06 12:09 PM	10 GAL	Sewer Service Line	14602849	MUD BLOCKAGE IN LINE/SEE WORK ORDER # 596948	STRUCTURAL FAILURE	629295	AREA WASHED DOWN	INSTALLED 4" CLEANOUTS ON TWO STACKS AND BACKFILLED
FLOYDS FORK	KY0102784	604 MARENGO DR	06/06/07 2:00 PM	06/06/07 04:30 PM	100 GAL	Sewer Service Line	181800160000A	BACKWASH FROM ROOT CUT	OBSTRUCTION-NOT GREASE / ROOTS	672941	CLEANING CONTRACTOR CLEANED	REPAIR NOT WARRANTED. BACKUP CAUSED BY CLEANING OF MAIN SEWER
FLOYDS FORK	KY0102784	12208 BRIGHTFIEL	06/07/07 7:40 PM	06/07/07 10:00 PM	50 GAL	Sewer Service Line	181800200000A	ROOTS IN MAIN SEWER	ROOTS	673100	MSD CLEANING CONTRACTOR PERFORMED FULL CLEANUP	WORK ORDER #673325 - ROOT CUT 230FEET OF THE MAIN SEWER
FLOYDS FORK	KY0102784	12304 BRIGHTFIEL	06/06/07 2:00 PM	06/06/07 04:30 PM	20 GAL	Sewer Service Line	181800460000A	HEAVY DEBRIS AND LIGHT ROOTS IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	672940	MSD'S CLEANING CONTRACTOR PERFORMED FULL CLEANUP	ROOT CUT MAIN SEWER WORK ORDER #672899
FLOYDS FORK	KY0102784	12206 BROOKGREEN	05/29/07 11:30 AM	05/29/07 01:00 PM	3 GAL	Sewer Service Line	181801380000A	ROOTS IN THE MAIN SEWER.	ROOTS	671523	MSD'S CLEANING CONTRACTOR	WORK ORDER #671460 - MSD ROOTCUT AND OPEN THE MAIN SEWER.
FLOYDS FORK	KY0102784	12509 ECHO BRIDGE	03/20/07 11:35 PM	03/20/07 11:59 PM	5 GAL	Sewer Service Line	186902270000A	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	646677	CUSTOMER CLEANED AREA	WORK ORDER#646722 - ROOT CUT AND REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A 2-WAY CLEANOUT
FLOYDS FORK	KY0102784	300 WILLOW BROOK	01/29/07 4:00 PM	01/29/07 05:05 PM	5 GAL	Sewer Service Line	4121300	ROOTS IN THE PROPERTY SERVICE CONNECTION (MSD'S SIDE)	ROOTS	634307	CUSTOMER CLEANED AREA	WORK ORDER #634330 - DUG DOWN AND OPEN LINE. REPAIRED PROPERTY SERVICE CONNECTION AND INSTALLED 2-WAY CLEANOUT.
FLOYDS FORK	KY0102784	11902 BERRY HILL	11/27/06 10:10 PM	11/27/06 10:30 PM	20 GAL	Sewer Service Line	MT11720089	ROOTS	ROOTS	612379	NEED TO CONTACT CLEANUP CREW TO GO OUT (11/28/06) PER CUSTOMER	ROOT CUT PROP.SERV.CONN. BOTH WAYS/REPLACED 4' OF 6" AND INSTALLED A 2 WAY CLEANOUT
FLOYDS FORK	KY0102784	15012 BIRCHAM RIDGE	04/03/07 11:45 AM	04/03/07 12:45 PM	1 GAL	Sewer Service Line	MT16772019	ROOTS IN MSD'S PROPERTY SERVICE CONNECTION	ROOTS	653879	PROPERTY OWNER CLEANED THE AREA.	WORK ORDER #654085 - REPAIRED THE PROPERTY SERVICE CONNECTION AND INSTALLED A CLEANOUT
FLOYDS FORK	KY0102784	15028 BIRCHAM RIDGE	12/16/06 2:43 PM	12/16/06 02:48 PM	10 GAL	Sewer Service Line	MT16773619	ROOTS IN SEWER MAIN	ROOTS	632078	CUSTOMER CLEANED AREA	WORK ORDER# 620336 ROOT CUT LINE
LAKE FOREST	KY0042226	14805 FOREST OAK	12/15/06 12:45 PM	12/15/06 01:55 PM	2 GAL	Sewer Service Line	1106214805	ROOTS AT THE SHARED JOINT	ROOTS	620262	CUSTOMER NEVER CALLED BACK FOR CLEANUP	WORK ORDER#620069. REPAIRED PROPERTY SERVICE CONNECTION
LAKE FOREST	KY0042226	430 TIMBERLAKE	11/24/06 9:12 AM	11/24/06 09:17 AM	10 GAL	Sewer Service Line	T314A430	ROOTS IN PROP. SERV. CONN.	ROOTS	631415	AREA WASHED DOWN	ROOT CUT, REPLACED 6' OF PIPE AND INSTALLED CLEANOUT

Appendix E – Summary of Wet Weather Combined Overflows

APPENDIX E

**SUMMARY OF WET WEATHER COMBINED OVERFLOWS
STATUS THROUGH SEPTEMBER 2007**

CSO NO.	CSO NAME	LOCATION	RECEIVING STREAM	NUMBER OF OVERFLOW INCIDENTS (NO./YR)	AVG. DURATION OF OVERFLOW (HRS)	AVG VOLUME PER INCIDENT (1000 G/INCIDENT)	STATUS	
OHIO RIVER WATERSHED								
015	SOUTHWESTERN PS	BELLS LN & I-264	OR	39	7.46	21,660	ACTIVE	
016	MILES PARK BYPASS	S OF 45th & WINNROSE	OR	0	0.00	0	ACTIVE	
019	34th STREET PS	34th & RUDD	OR	49	5.02	1,940	ACTIVE	
020	BUCHANAN PS	BUCHANAN & FRANKLIN	OR	41	3.65	980	ACTIVE	
022	FOURTH ST PS	FOURTH & MAIN	OR	13	1.15	570	ACTIVE	
023	ORI @ 4th ST PS	FOURTH & MAIN	OR	3	1.33	280	ACTIVE	
026	CRD 6th & BROADWAY	6th & BROADWAY	OR	0	0.00	0	ACTIVE	
027	CRD 7th & BROADWAY	7th & BROADWAY	OR	0	0.00	0	ACTIVE	
028	CRD 6th & YORK	6TH & YORK	OR	4	1.00	20	ACTIVE	
029	CRD 8th & YORK	8th & YORK	OR	24	1.50	120	ACTIVE	
030	CRD 9th & YORK "A"	9th & YORK	OR	17	1.17	80	ACTIVE	
031	CRD 6th & BRECKINRIDGE	6th & BRECKINRIDGE	OR	0	0.00	0	ACTIVE	
032	CRD 4th & BRECKINRIDGE	4th & BRECKINRIDGE	OR	0	0.00	0	ACTIVE	
033	CRD ON YORK E OF 4th	ON YORK E OF 4th	OR	2	1.00	6	ACTIVE	
034	CRD 4th & YORK	4th & YORK	OR	35	1.82	40	ACTIVE	
035	CRD 2nd & BROADWAY NO 1	2nd & BROADWAY	OR	0	0.00	0	ACTIVE	
036	CRD 3rd & BROADWAY	3rd & BROADWAY	OR	12	1.08	20	ACTIVE	
038	CRD 5th & BROADWAY	5th & BROADWAY	OR	2	1.00	2	ACTIVE	
049	PRESTON ST	PRESTON N OF JACKSON	OR			Eliminated	ELIMINATED	CSO Plugged
050	12th STREET	12th ST N OF MAIN	OR	34	4.23	200	ACTIVE	
051	11th STREET	11th ST N OF MAIN	OR	9	1.11	40	ACTIVE	
052	10th STREET	10th ST N OF MAIN	OR	8	1.25	60	ACTIVE	
053	8th STREET	8th ST N OF MAIN	OR	32	1.75	170	ACTIVE	
054	7th STREET	7th ST N OF MAIN	OR	18	2.38	50	ACTIVE	
055	6th STREET	6th ST N OF MAIN	OR	18	1.33	150	ACTIVE	
056	5th STREET	5th ST N OF MAIN	OR	33	2.93	130	ACTIVE	
057	FIRST STREET OVFL WEIR	1st & MAIN	OR	0	0.00	0	ACTIVE	
058	PRESTON ST OVFL WEIR	PRESTON & MAIN	OR	22	2.36	230	ACTIVE	
062	LOGAN COMPANY	N OF BUCHANAN PS	OR	47	9.74	1,030	ACTIVE	
104	SW PKWY SEWER @ BROADWAY	SW PKWY & BROADWAY	OR	21	1.90	290	ACTIVE	
105	WESTERN OUTFALL @ BROADWAY	BROADWAY @ SW PKWY	OR	82	6.26	4,280	ACTIVE	
150	8th ST @ COMMON PLACE	8th ST & COMMON PLACE	OR	49	2.42	80	ACTIVE	
155	ROWAN ST @ 12th ST	ROWAN & 12th	OR	4	1.25	10	ACTIVE	
156	6th & WASHINGTON SAN DIV	WASHINGTON W OF 6th	OR	0	0.00	0	ACTIVE	
160	SEWER IN ALLEY SAN DIV	1ST ST BTW MAIN & MARKET	OR	22	1.45	10	ACTIVE	
161	MARKET ST SAN DIV	FIRST & MARKET	OR	16	2.31	10	ACTIVE	
172	ADAMS STREET	ADAMS ST & I-64	OR	14	1.21	10	ACTIVE	

APPENDIX E

**SUMMARY OF WET WEATHER COMBINED OVERFLOWS
STATUS THROUGH SEPTEMBER 2007**

CSO NO.	CSO NAME	LOCATION	RECEIVING STREAM	NUMBER OF OVERFLOW INCIDENTS (NO./YR)	AVG. DURATION OF OVERFLOW (HRS)	AVG VOLUME PER INCIDENT (1000 G/INCIDENT)	STATUS	
178	CRD 9th & YORK "B"	9th & YORK	OR	5	1.00	20	ACTIVE	
181	CRD 2nd & BROADWAY NO 2	2nd & BROADWAY	OR	14	1.21	20	ACTIVE	
189	NORTHWESTERN SAN DIV	SHAWNEE PARK FLOOD PS	OR	54	8.59	10,240	ACTIVE	
190	SEVENTEENTH ST SAN DIV	17th ST & NW PKWY	OR	36	3.52	290	ACTIVE	
191	ALGONQUIN PKWY SAN DIV	SOUTHWESTERN PS	OR	14	1.21	290	ACTIVE	
192	CRD S 6th & GARLAND	6th & GARLAND	OR	14	1.21	10	ACTIVE	
193	CRD S 6th & KENTUCKY	6th & KENTUCKY	OR	14	1.21	10	ACTIVE	
194	CRD S OAK W OF 4th	OAK ST W OF 4th ST	OR	0	0.00	0	ACTIVE	
195	CRD S 4th & OAK	4th & OAK	OR	0	0.00	0	ACTIVE	
196	CRD S 3rd & OAK	3rd & OAK	OR	58	3.22	20	ACTIVE	
197	CRD S 3rd S OF OAK	3rd ST S OF OAK ST	OR	33	1.81	10	ACTIVE	
198	CRD S 3rd & ORMSBY	3rd & ORMSBY	OR	57	2.66	30	ACTIVE	
199	CRD S 3rd N OF MAGNOLIA	3rd ST N OF MAGNOLIA	OR	11	1.18	1	ACTIVE	
200	CRD S 3rd & MAGNOLIA	3rd & MAGNOLIA	OR	31	1.54	8	ACTIVE	
201	CRD S 5th & KENTUCKY	5th & KENTUCKY	OR	27	2.70	10	ACTIVE	
202	CRD S ORMSBY W OF 3rd	ORMSBY W OF 3rd ST	OR	19	1.15	4	ACTIVE	
203	CRD S 4th & ORMSBY	4th & ORMSBY	OR	0	0.00	0	ACTIVE	
204	CRD S 5th & BRECKINRIDGE	5th & BRECKINRIDGE	OR			Eliminated	ELIMINATED	CSO Plugged - 5/19/00
207	2nd & JEFFERSON	2ND & JEFFERSON	OR	0	0.00	0	ACTIVE	
208	12th & JEFFERSON	12th & JEFFERSON	OR	0	0.00	0	ACTIVE	
210	45th STREET-GREENWOOD	S OF 45th & WINNROSE	OR	54	3.96	390	ACTIVE	
211	MAIN DIVERSION STRUCTURE	WAYNE SUPPLY	OR	43	5.72	11,900	ACTIVE	

APPENDIX E

SUMMARY OF WET WEATHER COMBINED OVERFLOWS
STATUS THROUGH SEPTEMBER 2007

CSO NO.	CSO NAME	LOCATION	RECEIVING STREAM	NUMBER OF OVERFLOW INCIDENTS (NO./YR)	AVG. DURATION OF OVERFLOW (HRS)	AVG VOLUME PER INCIDENT (1000 G/INCIDENT)	STATUS	
BEARGRASS CREEK WATERSHED								
018	NIGHTINGALE PS	NIGHTINGALE & SFBGC	SF BGC	1	29.00	640	ACTIVE	
065	LAMPTON STREET	LAMPTON & SWAN	SF BGC			Eliminated	ELIMINATED	CSO Plugged
080	PAYNE STREET	LEXINGTON RD W OF PAYNE	MF BGC			Eliminated	ELIMINATED	Sewers Separated
081	LETTERLE	LETTERLE @ BGC PS	SF BGC			Eliminated	ELIMINATED	CSO Plugged 9/07/06
082	BGI AT BGC	BGC @ OMFT	SF BGC	12	1.25	40	ACTIVE	
083	BRENT ST & BROADWAY CONNECT	BRENT & BROADWAY	SF BGC	36	1.86	70	ACTIVE	
084	BRENT ST @ BGC	BRENT ST @ BGC	SF BGC	15	1.20	140	ACTIVE	
086	PAYNE AT SPRING	PAYNE ST @ SPRING ST	MF BGC	0	0.00	0	ACTIVE	
087	BLUEHORSE	FRANKFORT @ BLUEHORSE	SF BGC			Eliminated	ELIMINATED	CSO Plugged 9/18/06
088	MELLWOOD AVE INT	BROWNSBORO RD @ BGC	SF BGC	0	0.00	0	ACTIVE	Sewers Separated
091	SCHILLER AVE OVFL	SCHILLER & HIGHLAND	SF BGC	3	1.33	20	ACTIVE	
092	ST CATHERINE @ BGC	SCHILLER BTW KY & ST CATHERINE	SF BGC	2	1.00	15	ACTIVE	
093	SPRING STREET	SPRING ST N OF MELLWOOD	SF BGC	0	0.00	0	ACTIVE	
097	CANTONMENT SIPHON NO 2	BGC S OF EASTERN PKWY	SF BGC	56	6.98	880	ACTIVE	
106	ROYAL - NEFF	BACKYARD OF 1212 ROYAL	SF BGC	11	1.09	10	ACTIVE	
108	REG NO 1 - NEWBURG	NEWBURG @ TREVILIAN	SF BGC	34	2.17	1,160	ACTIVE	
109	REG NO 2 - DEER PARK	BEHIND O. L. O. P.	SF BGC	19	1.15	150	ACTIVE	
110	REG NO 3 - GOSS AVE	BGC S OF EASTERN PKWY	SF BGC	32	1.90	120	ACTIVE	
111	EMERSON STREET SEWER	BGC N OF EASTERN PKWY	SF BGC	39	2.74	240	ACTIVE	
113	ELLISON AVENUE SEWER	ELLISON & SCHILLER	SF BGC	46	5.13	170	ACTIVE	
117	REG NO 11 - DRY RUN	LOGAN & CALDWELL	SF BGC	37	3.02	2,230	ACTIVE	
118	REG NO 15 - E BRDWHY	BROADWAY W OF BGC	SF BGC	64	7.29	2,650	ACTIVE	
119	BRENT STREET SEWER	BGC N OF BROADWAY	SF BGC	27	1.62	80	ACTIVE	
120	PHOENIX HILL SEWER	E OF BGC & S OF BAXTER	SF BGC	24	1.50	180	ACTIVE	
121	REG NO 18 - GREEN ST	LEXINGTON RD W OF BGC	SF BGC	23	1.39	130	ACTIVE	
123	REG NO 20 - RUTH-SULGRV	ON BGC OP SPRING VALLEY	MF BGC			Eliminated	ELIMINATED	CSO Plugged
125	REG NO 24 - GRINSTEAD DR	GRINSTEAD @ I-64	MF BGC	30	7.16	610	ACTIVE	
126	REG NO 26 - RAYMOND AVE	I-64 & SAUNDERS LN	MF BGC	6	1.16	40	ACTIVE	
127	ETLEY AVENUE	LEXINGTON RD OP ETLEY	MF BGC	29	1.86	450	ACTIVE	
130	WEBSTER STREET	S OF STORY OP WEBSTER	SF BGC	26	3.53	250	ACTIVE	
131	REG NO 33 - MELWD & FRANKFORT	FRANKFORT AVE @ BGC	SF BGC	3	1.33	70	ACTIVE	
132	REG NO 35 - BROWNSBORO	BROWNSBORO & DRESCHER B	MudF BGC	64	6.62	1,830	ACTIVE	
137	CALVARY CEMETARY	CALVARY CEMETARY @ BGC	SF BGC	19	1.63	50	ACTIVE	
140	LOCUST STREET	LOCUST SW OF SPRING	MF BGC	28	1.92	180	ACTIVE	
141	BAXTER AVE @ BGC	BAXTER AVE & BGC	SF BGC	0	0.00	0	ACTIVE	
142	SBR LOGAN ST @ ST CATHERINE	LOGAN & ST CATHERINE	SF BGC	N/A	N/A	N/A	ACTIVE	

APPENDIX E

**SUMMARY OF WET WEATHER COMBINED OVERFLOWS
STATUS THROUGH SEPTEMBER 2007**

CSO NO.	CSO NAME	LOCATION	RECEIVING STREAM	NUMBER OF OVERFLOW INCIDENTS (NO./YR)	AVG. DURATION OF OVERFLOW (HRS)	AVG VOLUME PER INCIDENT (1000 G/INCIDENT)	STATUS	
143	KENTUCKY STREET BLOW-OFF	OAK & BGC	SF BGC			Eliminated	ELIMINATED	Plugged-CSO not needed
144	VANCE ST REGULATOR	S END OF VANCE & I-64	MF BGC	27	3.70	20	ACTIVE	
145	POINT PUMP STATION	POINT PUMP STATION	SF BGC			Eliminated	ELIMINATED	CSO Plugged
146	SNEADS BRANCH DIVERSION	SWAN ST S OF BGC	SF BGC	51	6.72	1,790	ACTIVE	
147	SWAN STREET DIVERSION	SWAN ST N OF BGC	SF BGC			Eliminated	ELIMINATED	CSO Plugged 8/14/07
148	EASTERN PKWY DIVERSION	EASTERN PKWY E OF BGC	SF BGC	12	1.16	20	ACTIVE	
149	DRY RUN DIVERSION	KENTUCKY STREET & ST PAUL CT	SF BGC	19	8.26	360	ACTIVE	
151	REG NO 5 - CASTLEWOOD	BGC & CASTLEWOOD DELL	SF BGC	64	7.40	2,240	ACTIVE	
152	REG NO 7 - SOUTHEASTERN	BGC & RUFER AVENUE	SF BGC	42	2.88	810	ACTIVE	
153	COOPER STREET	LEXINGTON & COOPER	SF BGC	53	3.37	130	ACTIVE	
154	MELLWOOD @ SCHOEFFEL	MELLWOOD AVE & EDWD POND BR	MudF BGC	12	1.33	120	ACTIVE	
162	BEALS BRANCH HW REG	ON MFT S OF LEXINGTON	MF BGC			Eliminated	ELIMINATED	Overflow Plugged
166	BEALS BRANCH SAN DIV	LEXINGTON RD & I-64	MF BGC	31	1.83	520	ACTIVE	
167	BROWNSBORO LAT NO 2	BROWNSBORO & DRESCHER B	MudF BGC	0	0.00	0	ACTIVE	
174	SBR GOSS & BOYLE	GOSS AVE & BOYLE ST	SF BGC	18.0	1.2	110	ACTIVE	
179	KENTUCKY ST SEWER OVFL	KENTUCKY ST & ST PAUL CT	SF BGC	14	1.21	6	ACTIVE	
180	SBR ORMSBY AVE RELIEF	ORMSBY & CLAY	SF BGC	0	0.00	0	ACTIVE	
182	SBR SHELBY & BURNETT	BURNETT W OF SHELBY ST	SF BGC	38	2.00	290	ACTIVE	
183	SBR ALEXANDER & KESWICK	ALEXANDER & KESWICK	SF BGC	0	0.00	0	ACTIVE	
184	SBR FETTER & ALEXANDER	FETTER & ALEXANDER	SF BGC	14	1.21	20	ACTIVE	
185	SBR SHELBY & KESWICK	SHELBY & KESWICK	SF BGC	23	1.34	50	ACTIVE	
186	SBR LOGAN & OAK	LOGAN & OAK	SF BGC	0	0.00	0	ACTIVE	
187	SBR SHELBY & CAMP	SHELBY & CAMP	SF BGC	0	0.00	0	ACTIVE	
188	SBR SHELBY & CLAY	SHELBY & CLAY	SF BGC	0	0.00	0	ACTIVE	
205	SBR MORGAN STREET RELIEF	MORGAN & HOERTZ	SF BGC	0	0.00	0	ACTIVE	
206	CHEROKEE PARK @ SPRING DR	CHEROKEE RD & SPRING DR	MF BGC	63	10.50	1,410	ACTIVE	
209	CHEROKEE PK @ PARK BD RD	CHEROKEE PK @ PARK BD RD	MF BGC			Eliminated	ELIMINATED	Sewers Separated

TOTAL ACTIVE CSOs = 110

Notes:

This information was developed through computer model simulations processed on March 10, 2004. It is NOT measured data.

The rainfall data utilized as input was an average rainfall year developed through a statistical analysis evaluating 54 years of rainfall data (1948 to 2002) for Jefferson County, KY.

The model simulation was done assuming the peak capacity at MFWTP equal to 350 mgd. However, sustainability of 350 mgd has not yet been proven.

Summary updated to show the elimination of CSO 147 (closed 8/14/07).

- OR - Ohio River
- SF-BGC - South Fork of Beargrass Creek
- MF-BGC - Middle Fork of Beargrass Creek
- L-BGC - Lower Beargrass Creek
- SBR - Sneads Branch Relief Sewer

CSO Eliminate	
Sewer Separated	

Appendix F – Flow Monitoring Data

Louisville MSD Flow Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019	CSO #088	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #127	CSO #140	CSO #151	CSO #152	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	# 1 Flow	# 2 Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
July 3, 2006	9:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	10:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	11:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	12:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	13:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	14:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	15:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	16:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	17:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	18:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	19:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	20:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	21:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	22:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 3, 2006	23:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	1:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	2:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	3:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	4:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	5:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	6:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	7:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	8:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	9:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	10:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	11:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	12:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	13:00	0.000	0.000			0.119	0.000		0.000	1.252	0.362	2.415		0.000	0.000		0.950	0.000
July 4, 2006	14:00	19.820	0.000			4.682	0.000		0.000	5.938	0.424	1.413		0.000	8.665		0.061	0.000
July 4, 2006	15:00	3.427	0.000			0.192	12.757		0.000	0.145	0.824	3.791		0.000	0.000		6.136	0.000
July 4, 2006	16:00	0.000	0.000			0.144	0.217		0.000	0.000	0.185	0.013		0.000	0.000		0.000	0.000
July 4, 2006	17:00	0.000	0.000			0.068	0.000		0.000	0.000	0.103	0.000		0.000	0.000		0.000	0.000
July 4, 2006	18:00	0.000	0.000			0.278	0.000		0.000	0.000	0.767	0.464		0.000	1.897		0.125	0.000
July 4, 2006	19:00	2.631	0.000			0.029	0.463		0.000	0.000	0.522	0.446		1.682	0.001		0.138	0.000
July 4, 2006	20:00	0.000	0.000			0.022	0.000		0.000	0.000	0.069	0.000		0.000	0.005		0.000	0.000
July 4, 2006	21:00	0.000	0.000			0.001	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	22:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 4, 2006	23:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 5, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.238	0.527		0.000	0.000		0.025	0.000
July 5, 2006	1:00	0.000	0.000			0.000	0.000		0.000	0.000	0.108	0.000		0.000	0.000		0.000	0.000
July 5, 2006	2:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 5, 2006	3:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 5, 2006	4:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 5, 2006	5:00	0.000	0.000			0.000	0.000		0.000	0.000	0.197	0.604		0.000	0.000		0.028	0.000
July 5, 2006	6:00	0.000	0.000			0.092	0.000		0.000	0.000	1.280	1.016		0.000	0.000		1.066	0.000
July 5, 2006	7:00	1.166	0.000			1.226	0.118		0.000	0.000	0.844	0.499		0.000	4.027		0.016	0.000
July 5, 2006	8:00	22.307	0.000			0.772	13.406		0.000	1.781	3.921	6.859		18.564	7.836		3.427	0.000
July 5, 2006	9:00	5.065	0.000			0.057	1.601		0.000	0.000	0.874	0.704		5.011	0.089		0.134	0.000
July 5, 2006	10:00	0.000	0.000			0.040	0.000		0.000	0.000	0.506	0.000		0.000	0.000		0.000	0.000
July 5, 2006	11:00	0.000	0.000			0.010	0.000		0.000	0.000	0.230	0.000		0.000	0.000		0.000	0.000

Louisville MSD Flow Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019 Flow	CSO #088 Flow	CSO #108 # 1 Flow	CSO #108 # 2 Flow	CSO #110 Flow	CSO #117 Flow	CSO #118 Flow	CSO #127 Flow	CSO #140 Flow	CSO #151 Flow	CSO #152 Flow	CSO #182 Flow	CSO #189 Flow	CSO #190 Flow	CSO #191 Flow	CSO #206 Flow	CSO #211 Flow
July 11, 2006	21:00	0.000	0.000			0.020	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 11, 2006	22:00	0.000	0.000			0.014	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 11, 2006	23:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	1:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	2:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	3:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	4:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	5:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.002		0.000	0.000
July 12, 2006	6:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	7:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	8:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	9:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	10:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	11:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000		0.000	0.000
July 12, 2006	12:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.143		0.000	0.177		0.041	0.000
July 12, 2006	13:00	3.975	0.000			0.000	0.000		0.000	0.000	0.000	0.352		0.157	0.260		0.148	0.000
July 12, 2006	14:00	0.388	0.000			0.734	0.000		0.000	0.000	0.093	0.000		0.000	0.000		0.000	0.000
July 12, 2006	15:00	0.000	0.000			0.040	0.000		0.000	0.000	0.000	0.212	0.000	0.000	0.000		3.477	0.000
July 12, 2006	16:00	0.000	0.000			0.020	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	17:00	0.000	0.000			0.008	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	18:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	19:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	20:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	21:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	22:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 12, 2006	23:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	1:00	0.000	0.000			0.065	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	2:00	0.000	0.000			0.145	0.000		0.000	0.000	0.019	0.900	0.000	0.000	0.000		1.546	0.000
July 13, 2006	3:00	0.000	0.000			0.034	0.000		0.000	0.000	0.000	0.622	0.000	0.000	0.000		0.020	0.000
July 13, 2006	4:00	0.000	0.000			0.029	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.034	0.000
July 13, 2006	5:00	20.353	0.000			0.497	0.000		0.000	0.006	0.000	0.015	0.000	9.902	2.195		0.547	0.000
July 13, 2006	6:00	2.864	0.000			0.014	0.000		0.000	0.000	0.000	0.000	0.000	0.999	0.000		0.000	0.000
July 13, 2006	7:00	0.000	0.000			0.011	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	8:00	0.000	0.000			0.010	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	9:00	0.000	0.000			0.013	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	10:00	0.000	0.000			0.253	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	11:00	0.000	0.000			0.024	0.000		0.000	0.000	0.000	0.068	0.000	0.000	0.000		0.142	0.000
July 13, 2006	12:00	0.000	0.000			0.016	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	13:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	14:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	15:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	16:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	17:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	18:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	19:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	20:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	21:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	22:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 13, 2006	3:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000

Louisville MSD F Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019 Flow	CSO #088 Flow	CSO #108 # 1 Flow	CSO #108 # 2 Flow	CSO #110 Flow	CSO #117 Flow	CSO #118 Flow	CSO #127 Flow	CSO #140 Flow	CSO #151 Flow	CSO #152 Flow	CSO #182 Flow	CSO #189 Flow	CSO #190 Flow	CSO #191 Flow	CSO #206 Flow	CSO #211 Flow
July 14, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	1:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	2:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	3:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	4:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	5:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	6:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	7:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	8:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	9:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	10:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	11:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	12:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	13:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	14:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	15:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	16:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	17:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	18:00	0.000	0.000			0.181	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 14, 2006	19:00	80.661	0.000			5.545	15.066		0.000	3.231	6.213	8.669	0.000	115.702	12.928		11.104	0.000
July 14, 2006	20:00	84.220	0.000			0.914	30.003		0.000	8.568	0.472	7.784	0.000	137.863	14.705		17.504	0.000
July 14, 2006	21:00	16.242	0.000			0.927	2.375		0.000	1.939	0.000	1.026	0.000	12.888	0.000		0.000	0.000
July 14, 2006	22:00	5.343	0.000			0.264	0.292		0.000	2.825	0.000	0.379	0.000	2.812	0.000		0.000	0.000
July 14, 2006	23:00	2.864	0.000			0.261	0.000		0.000	3.095	0.000	0.000	0.000	0.004	0.000		0.000	0.000
July 15, 2006	0:00	3.037	0.000			0.018	0.000		0.000	3.176	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	1:00	2.569	0.000			0.015	0.000		0.000	3.560	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	2:00	2.023	0.000			0.010	0.000		0.000	3.226	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	3:00	1.992	0.000			0.006	0.000		0.000	2.127	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	4:00	1.934	0.000			0.001	0.000		0.000	0.760	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	5:00	1.526	0.000			0.000	0.000		0.000	0.741	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	6:00	1.717	0.000			0.022	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	7:00	0.344	0.000			0.148	0.000		0.000	3.076	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	8:00	0.000	0.000			0.041	0.000		0.000	1.162	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	9:00	0.000	0.000			0.021	0.000		0.000	0.161	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	10:00	0.000	0.000			0.025	0.000		0.000	0.007	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	11:00	0.000	0.000			0.021	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	12:00	0.000	0.000			0.020	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	13:00	0.000	0.000			0.018	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	14:00	0.000	0.000			0.014	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	15:00	0.000	0.000			0.097	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	16:00	0.000	0.000			0.016	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	17:00	0.000	0.000			0.017	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	18:00	0.000	0.000			0.013	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	19:00	0.000	0.000			0.013	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	20:00	0.000	0.000			0.017	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	21:00	0.000	0.000			0.011	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	22:00	0.000	0.000			0.008	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 15, 2006	23:00	0.000	0.000			0.005	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 16, 2006	0:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
July 16, 2006	1:00	0.000	0.000			0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000

Louisville MSD Flow Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019	CSO #088	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #127	CSO #140	CSO #151	CSO #152	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	# 1 Flow	# 2 Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
August 27, 2006	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	13:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	14:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	15:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	16:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	17:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 27, 2006	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	2:00	0.000	0.000	0.500	0.193	0.000	0.000	0.000	0.097	0.000	1.276	0.000	0.000	0.000	2.064	1.851	0.000	0.000
August 28, 2006	3:00	9.079	0.000	0.946	0.344	0.000	0.000	0.663	0.819	2.350	0.264	3.029	0.537	1.521	7.017	0.000	0.000	0.000
August 28, 2006	4:00	1.316	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.010	0.094	0.000	0.138	0.000	0.000	0.000	0.001
August 28, 2006	5:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
August 28, 2006	6:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	7:00	1.091	0.000	0.000	0.000	0.000	0.000	5.045	0.000	0.000	0.612	0.404	0.000	0.000	3.391	0.000	0.000	0.004
August 28, 2006	8:00	11.183	0.000	1.621	0.548	0.000	11.561	24.840	3.102	4.028	1.818	10.068	0.524	5.913	2.142	0.141	32.545	28.311
August 28, 2006	9:00	15.752	0.501	1.474	0.760	0.000	20.950	50.703	15.332	7.551	4.886	7.771	0.207	13.264	13.929	0.596	118.900	141.568
August 28, 2006	10:00	9.650	0.000	0.522	0.174	0.000	7.404	9.162	0.254	0.650	0.332	1.581	0.257	8.479	0.454	0.000	45.879	271.727
August 28, 2006	11:00	0.205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.035	0.000	0.000	0.000	63.668
August 28, 2006	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.394
August 28, 2006	13:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	14:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	15:00	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.184	0.000	0.072	2.703	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	16:00	0.000	0.000	0.000	0.000	0.000	0.143	0.000	0.042	0.000	0.000	0.351	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	17:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.996	0.356	0.000	0.000	0.000	0.000	0.000
August 28, 2006	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 28, 2006	23:00	0.000	0.000	0.000	0.000	0.000	2.682	19.308	0.166	1.782	0.263	2.002	0.000	0.000	2.333	0.000	0.000	0.037
August 29, 2006	0:00	3.633	0.000	0.000	0.000	0.000	3.442	9.677	0.462	0.493	0.000	2.884	0.000	0.768	1.097	0.002	0.000	0.045
August 29, 2006	1:00	0.403	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.167
August 29, 2006	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.111
August 29, 2006	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
August 29, 2006	4:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	5:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	6:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	7:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	8:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	9:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	10:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	11:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	13:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August 29, 2006	14:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Louisville MSD Financial Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019 Flow	CSO #088 Flow	CSO #108 # 1 Flow	CSO #108 # 2 Flow	CSO #110 Flow	CSO #117 Flow	CSO #118 Flow	CSO #127 Flow	CSO #140 Flow	CSO #151 Flow	CSO #152 Flow	CSO #182 Flow	CSO #189 Flow	CSO #190 Flow	CSO #191 Flow	CSO #206 Flow	CSO #211 Flow
September 11, 2006	8:00	0.763	0.000	0.000	0.000	0.129	1.657	6.852	0.228	0.000	0.267	2.464	0.207	0.000	0.216	0.000	32.524	0.001
September 11, 2006	9:00	35.230	0.000	0.000	0.000	0.895	10.839	30.197	0.014	1.369	0.165	2.473	0.000	23.081	21.296	0.000	18.138	41.648
September 11, 2006	10:00	32.237	0.000	0.000	0.000	1.899	7.360	22.282	1.605	2.477	0.933	7.680	0.784	24.923	14.059	0.943	30.155	99.300
September 11, 2006	11:00	13.235	0.000	0.000	0.000	1.375	8.653	17.425	1.278	0.288	1.168	4.756	0.451	13.173	2.772	0.233	23.266	101.345
September 11, 2006	12:00	5.050	0.000	0.134	0.088	0.532	4.711	9.954	0.052	0.000	0.880	3.367	0.382	5.500	1.206	0.024	41.589	94.361
September 11, 2006	13:00	4.356	0.000	0.000	0.000	0.049	1.277	1.752	0.054	0.000	0.155	0.576	0.056	2.393	0.000	0.000	13.156	59.795
September 11, 2006	14:00	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.550
September 11, 2006	15:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.545
September 11, 2006	16:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018
September 11, 2006	17:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 11, 2006	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.565	0.000
September 12, 2006	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	4:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	5:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	6:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	7:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	8:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	9:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	10:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	11:00	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.016	0.011	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	12:00	0.000	0.000	0.000	0.000	1.620	0.000	0.706	0.000	0.000	0.318	0.124	0.051	0.000	0.636	0.112	0.000	0.000
September 12, 2006	13:00	17.994	0.000	0.480	0.449	0.709	6.029	14.083	1.170	0.627	1.234	6.340	0.756	11.697	7.034	0.567	2.049	0.063
September 12, 2006	14:00	8.241	0.000	0.000	0.000	0.274	0.034	1.534	0.000	0.000	0.303	1.071	0.202	9.106	0.075	0.000	0.000	32.242
September 12, 2006	15:00	1.009	0.000	0.000	0.000	2.292	0.000	4.530	0.134	0.000	0.672	0.870	0.114	0.887	1.959	0.000	0.000	30.901
September 12, 2006	16:00	5.103	0.000	1.555	0.968	0.306	6.750	12.797	2.879	0.919	1.560	4.720	1.148	5.324	1.000	0.234	6.864	90.056
September 12, 2006	17:00	2.274	0.000	0.000	0.003	0.052	0.052	0.065	0.000	0.000	0.061	0.149	0.001	0.732	0.547	0.000	0.316	46.514
September 12, 2006	18:00	3.623	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.830	0.085	0.000	0.000	14.585
September 12, 2006	19:00	0.149	0.000	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.920
September 12, 2006	20:00	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
September 12, 2006	21:00	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 12, 2006	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	4:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	5:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	6:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	7:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	8:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	9:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 13, 2006	10:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Louisville MSD Flow Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019	CSO #088	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #127	CSO #140	CSO #151	CSO #152	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	# 1 Flow	# 2 Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
September 21, 2006	23:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	0:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	1:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	2:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	3:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	4:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	5:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	6:00	0.000	0.001	0.000	0.000		0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	7:00	3.255	0.002	0.000	0.000		4.940	17.089	1.019	0.880	1.225	4.537	0.498	0.000	7.059	0.089	4.817	0.004
September 22, 2006	8:00	17.280	0.149	1.216	0.847		11.504	25.029	3.020	2.369	2.713	8.558	0.986	11.391	8.466	0.003	18.121	47.205
September 22, 2006	9:00	12.776	0.000	0.249	0.127		4.978	6.317	0.503	0.789	0.440	2.500	0.376	9.575	0.518	0.385	5.224	102.639
September 22, 2006	10:00	0.473	0.000	0.000	0.000		0.293	2.041	0.055	0.000	0.433	1.301	0.398	1.141	0.011	0.000	2.373	27.239
September 22, 2006	11:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	6.778
September 22, 2006	12:00	0.000	0.000	0.000	0.000		0.000	0.046	0.000	0.000	0.047	0.114	0.000	0.000	0.000	0.000	0.000	0.017
September 22, 2006	13:00	0.000	0.000	0.000	0.000		0.000	1.306	0.057	0.000	0.562	0.415	0.344	0.000	0.000	0.000	1.789	0.006
September 22, 2006	14:00	0.000	0.000	0.000	0.000		0.000	0.020	0.000	0.000	0.047	0.016	0.000	0.000	0.000	0.000	0.050	0.009
September 22, 2006	15:00	0.000	0.000	0.000	0.000		0.000	0.023	0.000	0.000	0.058	0.036	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	16:00	0.000	0.000	0.000	0.000		0.000	0.028	0.000	0.000	0.179	0.111	0.001	0.000	0.000	0.000	0.919	0.000
September 22, 2006	17:00	0.000	0.000	0.000	0.000		0.000	0.004	0.000	0.000	0.024	0.079	0.000	0.000	0.000	0.000	0.017	0.000
September 22, 2006	18:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	19:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	20:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 22, 2006	21:00	71.198	1.071	1.158	1.156		23.688	49.067	14.742	3.534	6.410	2.531	0.907	103.601	24.768	0.000	1.313	103.222
September 22, 2006	22:00	36.113	0.037	1.936	1.166		9.942	15.704	1.826	1.638	1.833	3.003	0.638	78.134	3.718	7.920	0.000	413.153
September 22, 2006	23:00	107.359	6.315	7.351	9.797		70.586	99.675	91.120	18.334	17.864	72.033	49.586	466.690	41.005	43.343	0.000	174.203
September 23, 2006	0:00	187.815	3.863	31.190	24.215		152.945	104.155	82.266	21.805	13.067	116.574	121.749	503.658	43.289	27.449	0.806	0.000
September 23, 2006	1:00	52.287	1.443	5.347	8.133		53.800	12.987	18.360	3.939	2.685	24.073	11.156	304.627	12.155	13.151	0.000	0.000
September 23, 2006	2:00	16.471	2.565	1.056	4.217		15.742	4.946	7.713	1.808	1.761	14.746	0.253	85.493	1.348	16.291	0.000	0.000
September 23, 2006	3:00	15.161	1.633	0.845	3.514		15.593	3.224	11.891	1.388	2.094	14.609	0.103	37.926	3.163	21.927	0.000	0.000
September 23, 2006	4:00	17.335	0.691	0.919	3.091		18.569	6.294	10.673	1.035	2.423	18.571	0.312	36.025	4.946	9.160	0.000	0.000
September 23, 2006	5:00	21.402	0.000	1.135	2.893		27.705	13.864	9.959	2.301	2.742	26.658	0.044	20.907	5.378	7.791	0.000	0.000
September 23, 2006	6:00	21.817	1.841	1.399	4.359		40.267	5.872	10.282	3.021	2.437	33.723	0.015	24.382	6.661	15.297	0.000	0.000
September 23, 2006	7:00	12.505	0.495	0.632	2.018		29.193	0.000	1.329	1.727	0.880	12.568	1.158	14.387	0.592	2.804	0.000	0.000
September 23, 2006	8:00	3.843	1.603	0.554	1.908		21.290	0.000	0.787	1.054	0.613	5.422	1.153	7.372	0.000	0.162	0.000	0.000
September 23, 2006	9:00	3.131	1.346	1.659	2.280		22.470	0.000	3.303	0.745	0.712	4.814	0.731	2.809	0.000	0.000	0.000	0.000
September 23, 2006	10:00	2.557	2.307	0.599	2.114		15.343	0.000	5.235	0.956	0.782	7.322	0.586	0.321	0.000	0.000	0.000	0.000
September 23, 2006	11:00	2.160	0.888	0.372	3.083		12.530	0.000	7.966	1.121	1.256	3.275	0.433	0.020	0.267	0.000	0.000	0.000
September 23, 2006	12:00	5.726	0.000	1.041	3.147		9.280	0.000	7.859	0.714	1.486	1.456	0.399	2.516	3.120	0.000	0.000	0.000
September 23, 2006	13:00	98.435	3.484	5.505	10.751		61.858	128.492	39.686	5.220	18.529	12.082	49.019	208.770	39.474	92.912	0.000	0.000
September 23, 2006	14:00	88.242	1.091	9.534	12.329		46.747	32.764	42.018	9.101	8.636	27.175	0.130	260.674	15.445	51.221	0.000	0.000
September 23, 2006	15:00	15.610	0.618	2.507	5.603		5.922	15.969	16.164	1.838	6.382	2.776	1.205	44.144	1.594	5.195	0.000	0.000
September 23, 2006	16:00	11.961	0.982	6.317	5.205		2.852	14.579	17.167	1.945	7.990	2.421	2.294	14.924	0.531	3.898	0.000	0.000
September 23, 2006	17:00	6.517	3.653	1.597	6.616		0.000	1.166	12.541	1.502	8.128	1.120	1.046	6.911	0.000	0.353	0.000	0.000
September 23, 2006	18:00	3.948	6.856	8.809	4.573		0.000	1.546	13.359	1.425	9.646	0.374	0.731	2.455	0.000	0.000	0.000	0.000
September 23, 2006	19:00	0.053	6.577	4.231	5.937		0.000	1.302	11.341	1.291	11.470	0.137	0.623	0.061	0.000	0.000	0.000	0.000
September 23, 2006	20:00	0.000	2.600	3.260	4.749		0.032	0.000	12.740	2.235	11.586	0.200	0.354	0.036	0.000	0.000	0.000	0.000
September 23, 2006	21:00	0.000	0.707	3.945	3.315		0.008	0.000	14.099	3.290	10.755	0.145	0.095	0.022	0.000	0.000	0.000	0.000
September 23, 2006	22:00	0.000	0.210	2.572	2.230		0.000	0.000	11.799	3.121	10.187	0.200	0.043	0.082	0.000	0.000	0.000	0.000
September 23, 2006	23:00	0.000	0.000	2.142	1.970		0.000	0.000	10.364	2.877	9.241	0.080	0.027	0.005	0.000	0.000	0.000	0.000
September 24, 2006	00:00	0.000	0.000	2.360	1.648		0.000	0.010	3.498	9.082	0.090	0.000	-0.002	0.000	0.000	0.000	0.000	0.000

Louisville MSD F. Monitoring Data

July 1, 2006 through September 30, 2006

CSO #019 CSO #088 CSO #108 CSO #108 CSO #110 CSO #117 CSO #118 CSO #127 CSO #140 CSO #151 CSO #152 CSO #182 CSO #189 CSO #190 CSO #191 CSO #206 CSO #211

Date	Time	Flow	Flow	# 1 Flow	# 2 Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
September 24, 2006	1:00	0.000	0.000	1.996	1.450		0.000	0.004	3.044	3.263	8.514	0.168	0.000	0.000	0.000	0.000	0.000
September 24, 2006	2:00	0.000	0.000	1.528	1.418		0.000	0.000	3.297	4.106	8.254	0.137	0.000	0.000	0.000	0.000	0.000
September 24, 2006	3:00	0.000	0.000	1.668	1.292		0.000	0.000	2.096	4.998	9.373	0.025	0.000	0.000	0.000	0.000	0.000
September 24, 2006	4:00	0.000	0.000	1.360	1.317		0.000	0.000	1.288	1.458	8.097	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	5:00	0.000	0.000	1.280	1.356		0.000	0.000	1.130	0.295	7.352	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	6:00	0.000	0.000	1.237	1.164		0.000	0.000	1.035	0.000	7.201	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	7:00	0.000	0.000	1.033	1.275		0.000	0.000	1.133	0.000	7.500	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	8:00	0.000	0.000	1.254	1.170		0.000	0.000	0.408	0.000	8.286	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	9:00	0.000	0.000	1.140	1.151		0.000	0.000	0.316	0.000	7.782	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	10:00	0.000	0.000	1.209	1.234		0.000	0.000	0.297	0.000	8.375	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	11:00	0.000	0.000	1.024	1.211		0.000	0.000	0.297	0.000	7.597	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	12:00	0.000	0.000	0.850	0.978		0.000	0.000	0.056	0.000	8.811	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	13:00	0.000	0.000	0.562	0.808		0.000	0.000	0.000	0.000	7.730	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	14:00	0.000	0.000	0.532	0.728		0.000	0.000	0.000	0.000	7.093	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	15:00	0.000	0.000	1.027	0.435		0.000	0.000	0.000	0.000	6.468	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	16:00	0.000	0.000	0.910	0.424		0.000	0.000	0.000	0.000	6.213	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	17:00	0.000	0.000	0.173	0.660		0.000	0.000	0.000	0.000	6.898	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	18:00	0.000	0.000	0.247	0.216		0.000	0.000	0.000	0.000	6.073	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	19:00	0.000	0.000	0.000	0.169		0.000	0.000	0.000	0.000	6.375	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	20:00	0.000	0.000	0.000	2.335		0.000	0.000	0.000	0.000	5.918	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	21:00	0.000	0.000	0.000	0.043		0.000	0.000	0.000	0.000	5.441	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	22:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.573	0.000	0.000	0.000	0.000	0.000	0.000
September 24, 2006	23:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.332	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	0:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.275	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	1:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.524	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	2:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.120	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	3:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.707	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	4:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.153	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	5:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.129	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	6:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.173	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	7:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.614	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	8:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.878	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	9:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.800	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	10:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.429	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	11:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.981	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	12:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.491	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	13:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.085	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	14:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.541	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	15:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.913	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	16:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.541	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	17:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.716	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	18:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.480	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	19:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.669	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	20:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.287	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	21:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.007	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	22:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	5.420	0.000	0.000	0.000	0.000	0.000	0.000
September 25, 2006	23:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.647	0.000	0.000	0.000	0.000	0.000	0.000
September 26, 2006	0:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.411	0.000	0.000	0.000	0.000	0.000	0.000
September 26, 2006	1:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	4.736	0.000	0.000	0.000	0.000	0.000	0.000
September 26, 2006	2:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	3.488	0.000	0.000	0.000	0.000	0.000	0.000
September 26, 2006	3:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	2.418	0.000	0.000	0.000	0.000	0.000	0.000

Louisville MSD Flow Monitoring Data

July 1, 2006 through September 30, 2006

Date	Time	CSO #019 Flow	CSO #088 Flow	CSO #108 # 1 Flow	CSO #108 # 2 Flow	CSO #110 Flow	CSO #117 Flow	CSO #118 Flow	CSO #127 Flow	CSO #140 Flow	CSO #151 Flow	CSO #152 Flow	CSO #182 Flow	CSO #189 Flow	CSO #190 Flow	CSO #191 Flow	CSO #206 Flow	CSO #211 Flow	
September 30, 2006	10:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	11:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	12:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	13:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	14:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	15:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	16:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	17:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	18:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	19:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	20:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	21:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	22:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
September 30, 2006	23:00	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Louisville MSD Flow Monitoring Data

October 1, 2006 thru December 31, 2006

Date	Time	CSO #019 Flow	CSO #088 Flow	CSO #105 Flow	CSO #108 # 1 Flow	CSO #108 # 2 Flow	CSO #110 Flow	CSO #117 Flow	CSO #118 Flow	CSO #127 Flow	CSO #132 Flow	CSO #140 Flow	CSO #151 Flow	CSO #152 Flow	CSO #166 Flow	CSO #182 Flow	CSO #189 Flow	CSO #190 Flow	CSO #191 Flow	CSO #210 Flow	CSO #211 Flow
December 31, 2006	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
December 31, 2006	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
December 31, 2006	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
December 31, 2006	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
December 31, 2006	4:00	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.009	0.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000
December 31, 2006	5:00	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.001	0.000	1.533	0.000	0.207	0.395	0.000	0.002	0.000	0.000	0.000	0.000	0.000
December 31, 2006	6:00	0.983	0.000	0.201	0.000	0.000	0.480	1.359	4.143	0.088	2.986	0.000	1.024	3.087	0.000	0.341	0.000	3.831	0.000	1.389	0.000
December 31, 2006	7:00	6.248	0.000	8.897	0.000	0.000	0.683	1.290	3.475	0.083	2.284	0.000	0.889	1.361	0.000	0.619	2.954	0.036	0.000	2.641	0.011
December 31, 2006	8:00	0.602	0.000	5.291	0.000	0.000	0.273	0.036	1.421	0.002	1.268	0.000	0.418	1.272	0.000	0.123	0.352	0.000	0.000	2.686	1.901
December 31, 2006	9:00	0.095	0.000	0.059	0.000	0.000	0.112	0.000	0.156	0.095	0.978	0.000	0.906	2.217	0.000	0.279	0.000	0.000	0.000	2.659	7.201
December 31, 2006	10:00	0.000	0.000	0.003	0.000	0.000	0.273	0.000	0.000	0.000	0.549	0.000	0.310	0.177	0.000	0.000	0.000	0.000	0.000	2.788	4.843
December 31, 2006	11:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	1.793	0.049
December 31, 2006	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.043	0.000
December 31, 2006	13:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.939	0.000
December 31, 2006	14:00	0.000	0.000	0.051	0.000	0.000	0.621	0.000	0.003	0.036	2.352	0.000	0.789	1.659	0.000	0.103	0.000	0.000	0.000	2.116	0.000
December 31, 2006	15:00	1.986	0.000	0.036	0.000	0.000	1.871	2.054	6.630	0.118	6.222	0.054	1.381	2.117	0.000	0.116	0.001	0.586	0.000	2.651	0.892
December 31, 2006	16:00	3.519	0.000	0.993	0.000	0.000	0.732	2.871	4.361	0.040	4.429	0.000	0.861	2.134	2.212	0.344	0.086	0.000	0.000	3.285	0.264
December 31, 2006	17:00	0.000	0.000	0.067	0.000	0.000	0.076	0.000	0.000	0.000	0.908	0.000	0.166	0.009	0.018	0.000	0.000	0.000	0.000	2.387	7.168
December 31, 2006	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.265	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.604	0.964
December 31, 2006	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.992	0.000
December 31, 2006	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.990	0.000
December 31, 2006	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.593	0.000
December 31, 2006	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.154	0.000
December 31, 2006	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.172	0.000

January 13, 2007	14:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.008	0.000	0.000	2.393	2.096
January 13, 2007	15:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.008	0.046
January 13, 2007	16:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.444	0.025
January 13, 2007	17:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.628	0.083
January 13, 2007	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
January 13, 2007	19:00	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.507	0.004	0.419	0.009	0.493	0.577	0.000	0.126	0.000	0.000	0.000	1.453	0.353
January 13, 2007	20:00	2.399	0.000	0.097	0.112	0.197	0.000	2.145	5.738	0.198	0.338	0.002	1.129	1.827	0.220	0.273	0.000	0.561	0.000	2.246	2.191
January 13, 2007	21:00	1.585	0.000	0.105	0.058	0.094	0.000	0.003	0.077	0.000	0.586	0.000	0.671	0.313	0.000	0.197	0.000	0.000	0.000	1.766	0.682
January 13, 2007	22:00	1.929	0.000	0.572	0.107	0.150	0.000	0.203	2.855	0.032	0.814	0.000	0.856	1.167	0.000	0.595	0.000	0.000	0.000	2.480	4.236
January 13, 2007	23:00	1.985	0.000	2.219	0.139	0.168	0.000	0.011	0.983	0.000	2.259	0.025	0.965	0.601	0.000	0.601	0.000	0.000	0.000	2.285	4.154
January 14, 2007	0:00	0.106	0.000	0.156	0.263	0.319	0.000	0.000	0.298	0.035	2.131	0.046	0.949	0.732	0.000	0.553	0.000	0.000	0.000	2.323	3.967
January 14, 2007	1:00	0.197	0.000	0.169	0.322	0.268	0.000	0.000	0.405	0.029	1.162	0.031	0.684	0.485	0.000	0.386	0.000	0.000	0.000	1.438	4.175
January 14, 2007	2:00	0.008	0.000	0.002	0.048	0.114	0.000	0.000	0.000	0.000	0.827	0.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	2.681
January 14, 2007	3:00	0.000	0.000	0.118	0.690	0.613	0.000	0.000	3.370	0.000	1.222	1.719	1.137	3.365	0.000	0.249	0.000	1.125	0.358	4.798	4.575
January 14, 2007	4:00	7.757	0.002	13.730	2.279	2.638	0.000	7.170	12.362	0.888	1.532	4.312	1.619	5.552	2.713	0.197	0.000	2.815	0.514	4.255	6.532
January 14, 2007	5:00	4.222	0.000	17.126	0.732	1.303	0.000	0.877	1.579	0.090	0.790	3.892	0.814	0.644	1.117	1.051	0.000	0.000	0.000	2.327	5.673
January 14, 2007	6:00	2.692	0.022	7.944	1.529	2.189	0.000	3.559	7.214	0.941	1.019	1.624	1.869	5.613	1.780	0.362	0.000	1.051	0.456	3.940	5.722
January 14, 2007	7:00	8.032	0.028	20.653	1.967	3.356	0.000	6.442	9.689	1.485	2.282	3.705	1.975	2.736	4.868	0.906	0.000	1.460	0.470	4.533	6.247
January 14, 2007	8:00	3.197	0.000	12.457	0.956	1.266	0.000	0.132	0.090	0.024	1.481	1.978	0.651	0.198	1.379	0.305	0.000	0.000	0.000	0.754	5.200
January 14, 2007	9:00	0.163	0.000	0.592	0.846	0.638	0.000	0.000	0.000	0.000	0.958	0.401	0.594	0.000	0.000	0.009	0.000	0.000	0.000	0.297	3.637
January 14, 2007	10:00	0.000	0.000	0.000	0.683	0.691	0.000	0.000	0.000	0.000	1.005	0.654	0.393	0.000	0.000	0.000	0.000	0.000	0.000	0.135	2.567
January 14, 2007	11:00	0.000	0.000	0.000	0.866	0.488	0.000	0.000	0.000	0.000	1.009	4.717	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.119	2.332
January 14, 2007	12:00	0.000	0.000	0.000	0.825	0.533	0.000	0.000	0.000	0.000	0.846	4.498	0.310	0.000	0.000	0.000	0.000	0.000	0.000	0.053	1.496
January 14, 2007	13:00	0.000	0.000	0.000	0.706	0.481	0.000	0.000	0.000	0.000	0.991	3.579	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.218
January 14, 2007	14:00	0.000	0.000	0.000	0.622	0.549	0.000	0.000	0.000	0.000	1.187	0.201	0.179	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.000
January 14, 2007	15:00	0.000	0.000	0.000	0.555	0.543	0.000	0.000	0.000	0.000	1.066	0.697	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000
January 14, 2007	16:00	0.000	0.000	0.000	0.546	0.492	0.000	0.000	0.000	0.000	1.133	0.000	0.069	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.000
January 14, 2007	17:00	0.000	0.000	0.000	0.628	0.519	0.000	0.000	0.000	0.000	0.962	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000
January 14, 2007	18:00	0.000	0.000	0.000	0.499	0.441	0.000	0.000	0.000	0.000	1.021	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.000
January 14, 2007	19:00	0.000	0.000	0.000	0.439	0.407	0.000	0.000	0.000	0.000	0.565	0.000	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000
January 14, 2007	20:00	0.000	0.000	0.000	0.432	0.435	0.000	0.000	0.000	0.000	0.783	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000
January 14, 2007	21:00	0.000	0.000	0.000	0.385	0.480	0.000	0.000	0.000	0.000	0.565	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000
January 14, 2007	22:00	0.000	0.000	0.000	0.434	0.425	0.000	0.000	0.000	0.000	0.641	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000
January 14, 2007	23:00	0.000	0.000	0.000	0.336	0.452	0.000	0.000	0.000	0.000	0.650	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000
January 15, 2007	0:00	0.000	0.000	0.000	0.286	0.423	0.000	0.000	0.000	0.000	0.727	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000
January 15, 2007	1:00	0.000	0.000	0.013	0.358	0.436	0.000	0.000	0.000	0.000	0.667	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
January 15, 2007	2:00	0.000	0.000	0.050	0.265	0.401	0.000	0.000	0.000	0.000	0.711	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
January 15, 2007	3:00	0.000	0.000	0.000	0.205	0.415	0.000	0.000	0.000	0.000	0.688	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000
January 15, 2007	4:00	0.000	0.000	0.091	0.287	0.434	0.000	0.000	0.000	0.000	1.008	0.004	0.144	0.062	0.000	0.005	0.000	0.000	0.000	0.633	0.142
January 15, 2007	5:00	1.366	0.000	0.135	0.368	0.481	0.000	0.000	0.008	0.000	1.201	0.058	0.403	0.432	0.000	0.002	0.000	0.327	0.000	0.829	0.980
January 15, 2007	6:00	4.115	0.000	1.360	0.708	0.640	0.000	0.688	4.238	0.095	0.188	0.020	0.764	1.833	0.000	0.481	0.000	0.329	0.000	3.493	3.189
January 15, 2007	7:00	3.350	0.009	5.047	1.105	1.097	0.000	1.640	4.439	0.268	0.308	0.029	0.775	1.636	1.278	0.755	0.000	0.000	0.000	3.632	4.253
January 15, 2007	8:00	1.017	0.000	0.969	0.756	0.685	0.000	0.117	1.565	0.132	0.377	0.167	0.742	0.630	0.588	0.244	0.000	0.000	0.000	2.515	3.618
January 15, 2007	9:00	2.470	0.000	1.795	0.966	0.894	0.000	0.089	3.120	0.584	0.818	0.729	0.832	0.757	1.366	0.551	0.000	0.000	0.000	3.598	4.974
January 15, 2007	10:00	2.272	0.016	4.947	1.080	1.931	0.000	1.294	4.826	0.734	1.456	1.501	1.043	2.020	2.165	0.429	0.000	0.000	0.000	3.792	4.214
January 15, 2007	11:00	5.159	0.317	11.284	1.606	1.389	0.000	5.162	9.700	2.153	3.910	3.315	1.409	3.028	2.469	0.125	0.000	0.135	0.000	3.732	4.811
January 15, 2007	12:00	5.817	0.262	17.648	1.583	1.593	0.000	4.175	7.575	1.911	1.475	1.549	1.454	3.597	3.163	0.125	0.000	0.689	0.370	3.967	5.459
January 15, 2007	13:00	4.618	0.000	13.793	1.033	0.885	0.000	1.464	2.258	0.359	1.679	4.703	0.757	0.800	2.220	0.351	0.000	0.000	0.000	1.404	4.028
January 15, 2007	14:00	0.004	0.000	1.613	0.568	0.563	0.000	0.000	0.000	0.000	2.157	6.257	0.670	0.014	0.468	0.002	0.000	0.000	0.000	0.283	3.231
January 15, 2007	15:00	0.000	0.000	0.000	0.528	0.493	0.000	0.000	0.000	0.000	2.060	3.256	0.502	0.000	0.000	0.000	0.000	0.000	0.000	0.131	2.833
January 15, 2007	16:00	0.000	0.000	0.000	0.541	0.867	0.000	0.000	0.000	0.000	2.050	0.000	0.335	0.000	0.000	0.000	0.000	0.000	0.000	0.114	2.766
January 15, 2007	17:00	0.000	0.000	0.000	0.426	0.490	0.000	0.000	0.000	0.000	1.944	0.014	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.139	2.139
January 15, 2007	18:00	0.000	0.000	0.000	0.421	0.448	0.000	0.000	0.000	0.000	1.202	0.000	0.286	0.000	0.000	0.000	0.000	0.000	0.000	0.126	1.656
January 15, 2007	19:00	0.000	0.000	0.000	0.306	0.472	0.000	0.000	0.000	0.000	1.793	0.000	0.214	0.000	0.000						

Louisville MSD Flow Monitoring Data

April 1, 2007 through June 30, 2007

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #127	CSO #132	CSO #140	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #210	CSO #211
		Flow	Flow	Flow	# 1 Flow	# 2 Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
April 25, 2007	8:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	9:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	10:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	11:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	13:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	14:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	15:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	16:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	17:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	18:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 25, 2007	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.146	0.563	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	4:00	0.001	0.000	0.040	0.000	0.000	0.000	0.000	0.006	0.000	0.217	0.000	0.000	0.038	0.240	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	5:00	6.671	0.000	9.648	0.000	0.000	0.000	4.097	10.352	2.092	0.000	0.041	1.365	4.618	0.216	0.197	0.000	6.077	0.227	2.824	3.339	0.007
April 26, 2007	6:00	2.186	0.000	11.514	0.000	0.000	0.000	0.520	0.598	11.514	0.165	0.471	0.000	0.214	0.714	0.202	0.063	0.000	0.000	1.534	2.096	1.033
April 26, 2007	7:00	0.000	0.000	0.319	0.000	0.000	0.000	0.000	0.000	0.000	0.532	0.000	0.067	0.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April 26, 2007	8:00	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.003	0.000	0.527	0.000	0.030	0.167	0.000	0.000	0.000	0.000	0.000	0.505	2.148	0.000
April 26, 2007	9:00	0.000	0.000	0.000	0.000	0.000	0.000	1.766	6.468	0.000	0.991	0.000	0.284	1.912	0.000	0.341	0.000	0.000	0.000	1.600	1.814	0.000
April 26, 2007	10:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.089	0.000	0.097	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.264	1.708	0.000
April 26, 2007	11:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.966	0.000
April 26, 2007	12:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.286	0.083	0.000
April 26, 2007	13:00	0.000	0.006	0.040	0.000	0.000	0.000	0.000	3.609	0.000	0.257	3.092	0.506	0.401	0.796	0.000	0.000	1.408	0.000	3.734	0.428	0.000
April 26, 2007	14:00	3.700	0.031	1.819	2.971	1.216	0.000	5.196	11.441	1.658	0.000	0.487	0.588	4.061	7.157	0.149	0.000	1.055	0.000	1.810	1.999	0.000
April 26, 2007	15:00	2.403	0.000	7.575	0.964	1.080	0.000	0.000	0.000	0.000	0.320	0.000	0.022	0.026	0.000	0.000	0.000	0.000	0.000	0.177	3.159	1.041
April 26, 2007	16:00	0.001	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.259	1.957	0.005
April 26, 2007	17:00	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.691	1.608	0.019	0.000	0.738	2.118	1.531	0.119	0.000	0.564	0.340	1.844	1.959	0.000
April 26, 2007	18:00	0.000	0.000	0.000	1.047	0.779	0.000	0.000	0.000	0.000	0.140	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.615	2.081	0.000
April 26, 2007	19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.492	1.064	0.000
April 26, 2007	20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.138	0.000	0.000
April 26, 2007	21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000
April 26, 2007	22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000
April 26, 2007	23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.000
April 27, 2007	0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000	0.000
April 27, 2007	1:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.000	0.000
April 27, 2007	2:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000
April 27, 2007	3:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000
April 27, 2007	4:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000
April 27, 2007	5:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000
April 27, 2007	6:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000
April 27, 2007	7:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.000	0.000
April 27, 2007	8:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.000	0.000
April 27, 2007	9:00	0.000	0.000	0.000																		

Appendix G – SEP Supporting Documents



MSD

Louisville and Jefferson County
Metropolitan Sewer District

**Consent Decree Annual Report
July 1, 2006 – June 30, 2007**

Appendix G – SEP Supporting Documents

December 31, 2007



MASTER TIMELINE AND KEY MILESTONES

PLAN	MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		RESPONSIBILITY
	5-1 to 5-15	5-16 to 5-31	6-1 to 6-15	6-16 to 6-30	7-1 to 7-15	7-16 to 7-31	8-1 to 8-15	8-16 to 8-31	9-1 to 9-15	9-16 to 9-30	10-1 to 10-15	10-16 to 10-31	11-1 to 11-15	11-16 to 11-30	
COMMUNICATION & AWARENESS PLAN	1	1	1	1	1	1	1	2	3 4 5	4	4	4	4	6	KH
FACILITY & LOGISTICS PLAN	1	1	1	1	2	2 3 4	3 4	4	5	5	6	7	8	9	JN/BJA
SCREENING ENROLLMENT PLAN	1	1	1 2	2	2	2	2	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	6	LP
HEALTH SCREENING & EDUCATION PLAN	1	2	3 4	3 4	4 5	4 5	4 5	4	6	6	6	6	6	7	JP/SA
DATA COLLECTION AND ANALYSIS PLAN	1	1	1 2 3	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	5	5	5	5	5	6	SA
FOLLOW-UP & CLIENT REFERRAL PLAN	1	1	1	1	1	1	1	1	2	2 3	2 3	2 3	2 3	3 4	DR. Z
FINANCIAL PLAN & PROCUREMENT	1	1 2	1 2	1 2	3	2	3	2	3	2	3		3	4	KK/BB
STEERING COMMITTEE & STAKEHOLDERS GROUP PLAN	1	1	1	2	3	2	3	2	3	2	3	2	3	2 3 4	DR. T/JN/LP/BB
QA, RISK MGT & CONTINGENCY PLAN	1	1	1	2	3	4	5	5	6	6	6	6	6	7	BB/ALL

KEY MILESTONES, ACTIVITIES, DELIVERABLES AND ASSUMPTIONS

* KEY MILESTONE	
COMMUNICATION PLAN	DATA COLLECTION AND ANALYSIS PLAN
1. DEVELOP PRINTED MATERIAL PLAN & MEDIA PLAN	1. DETERMINE DATA FOR DIRECT MAIL & ENROLLMENT
2. DIRECT MAIL TO ALL HOUSEHOLDS	2. DETERMINE DATA TO BE COLLECTED FROM SCREENINGS
3. 2ND DIRECT MAILING	3. FORMS, STORAGE, CUSTODY
4. PUBLIC RELATIONS AND AWARENESS	4. STAFFING PLAN - ON-SITE & ANALYSIS
5. 1ST SCREENING PRESS CONFERENCE	5. COLLECT & ANALYZE SCREENING DATA & FOLLOW-UP/REFERRAL RESULTS
6. FINAL REPORT - PHASE 1	6. DATA PREPARED FOR FINAL REPORT - PHASE I
FACILITY & LOGISTICS PLAN	STEERING COMMITTEE & STAKEHOLDER GROUPS
1. LOCATIONS IDENTIFIED	1. ESTABLISH STEERING COMMITTEE AND STAKEHOLDER GROUP
2. LOCATIONS CONTRACTED(MOU'S)	2. STEERING COMMITTEE MEETINGS
3. FF&E, SIGNAGE, CLEANING IDENTIFIED & SOURCED	3. STAKEHOLDER GROUP MEETINGS
4. STAFFING PLAN	4. FINAL REPORT - PHASE 1
5. ZONE I (TRAINING, SCREENING, DEBRIEF)	FINANCIAL PLAN & PROCUREMENT
6. ZONE 2	1. DEVELOP BUDGET
7. ZONE 3	2. POLICIES & PROCEDURES COMPLIANCE PLAN
8. ZONE 4	3. BUDGET VS ACTUAL REVIEWS
9. RECOVERY/FINAL REPORT FROM PHASE I	4. FINAL FINANCE REPORT - PHASE I
SCREENING ENROLLMENT PLAN	QUALITY ASSURANCE, RISK MGT. AND CONTINGENCY PLAN
1. DEVELOP ENROLLMENT PLAN	1. DEVELOP QA PLAN
2. FAQ'S, HOTLINE STAFFING PLAN	2. IDENTIFY RISKS
3. ACTIVATE HOTLINE	3. DEVELOP RISK MGT PLAN
4. RETURN OF ENROLLMENT FORM	4. CRISIS MANAGEMENT PLAN
5. SCHEDULE APPOINTMENTS	5. TABLE-TOP EXERCISES & "WHAT-IF" SCENARIOS
6. SEND APPOINTMENT CONFIRMATION	6. MONITOR QUALITY ASSURANCE
7. CANCELLATION, RESCHEDULE PLAN	7. FINAL REPORT - PHASE 1
8. FINAL REPORT- PHASE 1	
	HEALTH SCREENING AND EDUCATION PLAN
	1. DETERMINE TESTS TO BE ADMINISTERED
	2. DEVELOP SCREENING SITE LAYOUT
	3. DETERMINE NEEDS & PROCUREMENT- F,F & E FOR (FAL) AND SUPPLIES
	4. DEVELOP STAFFING PLAN - STAFF, VOLUNTEERS, MED, GRAD STUDENTS, ASSOCIATIONS
	a. JOB DESCRIPTIONS, SKILL LEVELS & COMPENSATION
	b. STAFFING CHART PER UNIT
	c. SCHEDULE
	d. RECRUITING
	e. PERSONNEL FORMS & ADMIN
	f. ACCREDITATION. MEAL PLAN, UNIFORMS & OTHER SUPPORT SERVICES
	g. TRAINING
	h. RECOGNITION
	5. DEVELOP HEALTH EDUCATION PROGRAM
	6. CONDUCT HEALTH SCREENINGS & EDUCATION
	7. FINAL REPORT - PHASE 1
	FOLLOW-UP AND PATIENT REFERRAL PLAN
	1. DEVELOP CLIENT FOLLOW-UP AND REFERRAL PROGRAM WITH HEALTH CARE PROVIDERS
	2. PROVIDE PARTICIPANTS WITH TESTS RESULTS(L1), RECOMMENDATIONS(L2) & REFERRALS(L3)
	3. DIRECT CONSULTATION AND REFERRAL VERIFICATION FOR L3.
	4. FINAL REPORT - PHASE 1
	ASSUMPTIONS
	1. TARGET AREA DIVIDED INTO (4) ZONES
	2. 30,000 RESIDENTS/12,000 HOUSEHOLDS = 7500/3000 PER ZONE
	3. 10-15% PARTICIPATION = 750 - 1125 PER ZONE. Total = 3000 - 4500 screenings.
	4. (100) SCREENINGS PER (7) HOUR DAY/(5) DAY PER WEEK PER ZONE LOCATION
	NOTE: PLANS WILL BE DEVELOPED FOR SCENARIOS WITH HIGHER PARTICIPATION RATES AND OTHER VARIABLES.



Community Health Screenings Project in Northwest and South west Louisville

Background

The Supplemental Environmental Project (SEP) is a result of an agreement between the United States Environmental Protection Agency (EPA) and the Louisville Metropolitan Sewer District (MSD). As part of this agreement, \$1 million was set aside to provide health screenings for up to 30,000 residents of neighborhoods adjacent to the industrialized areas of southwest and northwest Louisville (commonly known as Rubbertown). The Louisville Metro Council adopted a resolution for the mayor to enter into an agreement among the Environmental and Public Protection Cabinet of Kentucky, MSD, and Louisville Metro Department of Public Health and Wellness (LMPHW) to conduct and perform health screenings. To fulfill the requirements of the decree, screenings with results, follow-up and referral will be completed by June 30, 2008.

The target area for the screenings 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.

The neighborhoods identified for the screenings are Chickasaw, Park Hill, Park DuValle, Parkland, Lake Dreamland, California, and Riverside Gardens. The neighborhoods have been combined into four areas where health screenings will occur. The LMPHW will be in each area for a period of two weeks for a total of 85 hours at each site.

Medical staff will screen for high blood pressure, cholesterol levels, diabetes, low iron levels, lead in children under the age of six, respiratory tests for health problems such as asthma and screenings for colon, breast, cervical, bladder and prostate cancers. All tests will be performed by licensed, professional medical staff.

The LMPHW established a steering committee to oversee the process and provide recommendations. A stakeholders group has been formed to assist with planning on the grassroots level and to facilitate the success of the screenings. Community healthcare providers have committed to the project, as well as the University of Louisville, School of Public Health and Information Sciences, to assist LMPHW in accomplishing the screenings and tests associated with this project. At the end of the project a final report of what we have learned will be presented to the entire community.

MSD-SEP PROJECT
APRIL 15 – JUNE 30 2007

As a result of a Consent Decree and Memorandum of Agreement (Exhibit I – “Background”) the Louisville Metro Public Health and Wellness Department (LMHPD) was assigned the responsibility to conduct health screenings to a target population of western Louisville. LMHPD initiated the project on April 15, 2007 with completion mandated by June 30, 2008.

PROJECT TEAM - A project manager was contracted April 15 and a team of the LMHPD Director’s direct reports was assigned to the project. Weekly meetings were held by the Director, Project Manager and the Planning Group.

PROJECT PLAN - A project plan consisting of a timeline, key milestones, deliverables and sub-plan responsibilities was developed and implemented on May 31. (Exhibit II – “Master Timeline”).

COMMUNICATIONS PLAN - The guiding principle of the communication and awareness plan was to attempt every effort for 100% awareness of the screenings to the eligible participants. This would include direct mail, TV, radio and grassroots initiatives (Exhibit III - Communication Plan). To address the most frequently asked questions, a FAQ sheet was created and widely distributed via website and public meetings. (Exhibit IV-FAQs)

FACILITES AND LOGISTICS PLAN - The target area was divided in four zones to make the screenings more manageable. Each zone was scheduled for a two week period. Approximately 5000 square feet of space was required for the clinic and it’s support services. It was determined that due to size and time constraints that temporary structures were the best solution. Locations were secured in each zone. A school campus, a metro park and a church (only permanent venue) were utilized. Locations required 24 hour secured, temporary power and water and meals for staff. (Exhibit V – Site locations)

STEERING COMMITTEE AND STAKEHOLDERS GROUP - This committee and group were established to provide oversight and support to the project. Initial meetings were held June 18 and June 26, respectively.

SCREENINGS - The tests to be conducted were determined by the Director, Medical Director and Deputy Director. (Exhibit VI – “Project Power Point”)

STAFFING - Staffing was a combination of LMHPD personnel and medical community volunteers. Approximately 40 staff per day for 44 days.

BUDGET - A financial forecast and line-item budget were developed based on the \$1.2 million settlement. The amount disbursed in the April 15 – June 30 period was minimal.

JULY 1 – DECEMBER 31, 2007 - Screenings began September 10, 2007 and were completed November 9, 2007. A preliminary final report of Phase I will be completed and available in January, 2008.

Site 1 Cane Run Road Area

Location Farnsley Middle School Cane Run and Lees Lane
Set-up September 6
Operation Monday September 10 through Saturday September 22
Break down September 22
Site Manager Ryan Irvine / Ron Brown
Facilities Tent

Site 2 Chickasaw Neighborhood
Site 3 Park DuValle & Hallmark Neighborhoods

Location Chickasaw Park Southwestern Parkway
Set-up September 28
Operation Monday October 1 through Friday October 26
Break down October 27
Site Manager Paul Friebert / Connie Mendel
Facilities Tent and Chickasaw Lodge

Site 4 Parkland, Park Hill, California Neighborhoods

Location St. Stephen Church 1018 S 15th Street
Set-up October 27
Operation Monday October 29 through Friday November 9
Break down November 9
Site Manager Ryan Irvine / Ron Brown Assistant
Facilities Interior site - part of St. Stephens Church



Public Health Screenings in Northwest and Southwest Louisville

Frequently Asked Questions

What are the Public Health & Wellness Screenings?

The Louisville Metro Department of Public Health & Wellness (health department) will be in your neighborhood to offer basic health screenings at no cost to you.

Who will be tested?

Anyone, child or adult, individual or family, that lives in these Louisville neighborhoods:

Chickasaw
Park Hill, Park Duvalle

Parkland
Lake Dreamland

California
Riverside Gardens

Approximately 30,000 persons will be eligible for the health and wellness screenings. The residential area is divided into four neighborhoods that are located in the Southwest Northwest parts of Jefferson County close to the Ohio River. You can find a map on on the following link: www.louisvilleky.gov/health/screenings. If you live within the purple and blue area outlined in black, you are eligible to be screened.

What type of screenings can I have?

The health department along with other healthcare providers will screen for the following:

- High Blood Pressure
- Diabetes, Cholesterol, Low Iron
- Lead for children under 6 years old
- Respiratory tests for health problems such as Asthma
- Colon, Breast, Cervical, Bladder, and Prostate Cancer

After the screenings, what happens if I discovered I have health problems?

The healthcare professionals will consult with you to make certain that you have a primary healthcare provider for follow-up care.

Who will provide the health screenings?

All screenings will be performed by licensed, professional medical staff.



What will all of these tests cost?

These tests will not cost you anything. The health department will cover the cost of all screenings.

Will I have to have all of the screenings?

We encourage you to have all of the screenings that are recommended for you. However, let us know if there's one you'd prefer to not have.

Will my tests be confidential?

Absolutely! The healthcare providers, professional staff and laboratory staff that provide the results are legally mandated by HIPPA guidelines to keep all information confidential.

How will I know when and where to come?

We will make every effort to let everyone know. We will mail notices to your home. We also will ask churches and businesses to help us spread the word. We will use some news media outlets such as radio and newspapers as well.

Each neighborhood will have a designated location for the screenings. Of course, if you cannot come to the location closest to you, you may sign up to go to another location. We plan to have four different locations.

Will the screenings be in each location at the same time?

No. We want to be sure that everyone has time to sign up and that the screenings are convenient. We will be at each site for two weeks and then move to the next one. We anticipate providing screenings for a total of eight weeks.

Will the screenings be at a time that I can work into my schedule?

We want to make the screenings as available and convenient for everyone as possible. We will be open for screenings on the following schedule at each location:

- Monday and Wednesday 9:00 a.m. to 7:00 p.m.
- Tuesday, Thursday and Friday 9:00 a.m. to 4:00 p.m.
- The 1st Saturday in each zone 9:00 a.m. to 12 noon.

We will spend 85 hours in each location.



Do I need to make an appointment?

We encourage you to make an appointment. We believe that it will be more convenient for everyone if you call ahead. Of course, if you forget to make an appointment and want to drop by, we will work you into the schedule. You can call **574-5673** to talk to a health department representative.

Do I need to go to the location in my area?

No. You can schedule in any area. Perhaps you work in a neighborhood other than where you live that is more convenient, or your children attend school in a neighborhood which is easier for you after school. Just inquire when you schedule your appointment.

Where are these locations and on what dates?

To provide more efficient service, the screening area has been divided into 4 zones. We are still determining the locations for each zone.

- **Area 1 September 10 – September 22**
Includes the neighborhoods of Riverside Gardens, Lake Dreamland and areas in south western Jefferson County to the west of Dixie Highway

- **Area 2 October 1 – October 12**
Includes the neighborhoods of Park DuValle and Algonquin

- **Area 3 October 15 – October 26**
Includes the neighborhoods of California, Parkland, and Park Hill

- **Area 4 October 29 – November 9**
Includes the Chickasaw neighborhood

Why are you doing this?

The mission of the Louisville Metro Department of Public Health and Wellness (LMPHW) is to preserve, protect and promote the health and well being of the citizens of Louisville.

We conduct health screenings throughout the year. However, these screenings are a special project for us. They are the result of an agreement between the United States Environmental Protection Agency (EPA) and the Louisville Metropolitan Sewer District (MSD). As part of the agreement, \$1 million was provided for health screenings for up to 30,000 residents of neighborhoods adjacent to the industrialized areas of the western portion of Louisville (commonly known as Rubbertown).

The Louisville Metro Council adopted a resolution for the Mayor to enter into an agreement between the Environmental and Protection Cabinet of Kentucky, MSD, and



LMPHW to conduct and perform these health screenings. To fulfill the requirements of the decree, screenings with results, follow-up and referral will be completed by June 30, 2008. A final report will be presented to the community.

Need more information? Call our hotline at 574-5673.

Proposal submitted by Bennett Knox, Metro Parks Natural Areas Manager
November 9, 2005
To: MSD
For: Consent Decree Riparian Buffer
Lexington Road/Grinsted Bicycle Trail

I. Proposed Budget

A.	Restoration Component (Labor)	
1.	Initial Plant inventory (8 hrs @ 20/hr)	\$160
2.	Planning and Design (16 hrs at \$25/hr)	\$400
3.	Site Prep/planting (including invasive removal)	\$3,790
B.	Restoration Component (supplies)	
1.	Herbicide	\$1,000
2.	Trees/Shrubs/Herbaceous plants (\$3,000/acre)	\$15,000
C.	Environmental Education Component (10 field trips)	
1.	Transportation (school bus at \$165/roundtrip)	\$1,650
2.	Staff instruction (\$150/visit)	\$1,500
3.	Interpretive signage	\$1,500

\$25,000 Total

II. Proposed Project Phases:

- A. Planning and Design (Winter 2005/2006)
- B. Site Preparation (Spring/Summer/Fall 2006)
- C. Planting (Spring 2007)
- D. Follow-up spot herbicide treatment (summer 2007)



MSD

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

December 13, 2005

Ms. Lisa Hite
Metro Parks
1297 Trevilian Way
P. O. Box 37280
Louisville, KY 40233-7280

Subject: MSD Consent Decree - Supplemental Environmental Program

Dear Ms. Hite,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Directors has accepted the Lexington Road Bicycle/Pedestrian Path proposal submitted by Bennett Knox and have authorized the funding of \$25,000 as part of the Environmental Education and Public Outreach Riparian Buffer requirement to be used for invasive removal, planting of native riparian vegetation and sign interpretation of the riparian buffer at trailhead under direction of Metro Parks Natural Areas coordinator, Bennett Knox. This project must be completed by August 2008.

I have asked Phyllis Croce to work with you and Mr. Knox to oversee project details and annual summary budget reports. Please contact her to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director

cc: Rebecca Bennett
Phyllis Croce
Bennett Knox



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www.louisvillegreen.com*

December 11th, 2007

Bennett Knox, Parks Administrator
Louisville Metro Parks – Natural Areas Division
P.O. Box 467
Fairdale, KY 40118

Phyllis Croce, Landscape Restoration Specialist
Louisville Metropolitan Sewer District
700 West Liberty Street
Louisville, KY 40203

RE: Quarterly Report – Beargrass Creek Restoration Project

Ms. Croce,

Please find below the SEP report for the Riparian Buffer SEP (Beargrass Creek Restoration - Lexington Road and Grinstead Drive).

In January 2006, Metro Parks received \$25,000 from MSD for a project involving naturalization, environmental education, and interpretive signage at the Beargrass Creek Greenway near the intersection of Lexington Road and Grinstead Drive. The primary purpose of this project is to restore riparian habitat in a degraded and high profile area; introduce area high school students to practical applications of ecological and environmental science principles; and to raise awareness of watershed issues affecting Beargrass Creek. Since award of funding, Metro Parks has initiated a partnership with the Male High School Advanced Placement science class and conducted multiple volunteer days in order to advance the goals of this project. Since project initiation, focus has been on necessary removal of invasive bush honeysuckle (*Lonicera mackii*) from the project area in concert with performance of water quality, soil analysis, and initial biological inventory with the assistance of Male High School students. Project initiation was delayed until the Fall of 2006 due to unforeseen Metro Parks staffing issues. That issue was resolved in August of 2006 with the hiring of a Landscaping Supervisor to assist with project implementation. Metro Parks will complete activities related to the project by August 2008.

The following spreadsheet shows the allocation of funding spent on the project to date.

Budget Item	Original Budget	Revised Budget	Previous Expenditures	Expenditures June 2006 to December 2007	Total Expenditures to Date
Plant Inventory	\$160.00	\$160.00	\$0.00	\$40.00	\$40.00
Planning and Design	\$400.00	\$400.00	\$0.00	\$100.00	\$100.00
Site Preparation	\$3,790.00	\$3,790.00	\$0.00	\$0.00	\$0.00
Herbicide Treatment	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00
Plant Material	\$15,000.00	\$15,000.00	\$0.00	\$934.50	\$934.50
Student Transportation	\$1,650.00	\$900.00	\$0.00	\$240.00	\$240.00
Instructional Supplies	\$0.00	\$1,500.00	\$0.00	\$1,299.29	\$1,299.29
Staff Instruction	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$0.00
Student Lunches	\$1,500.00	\$750.00	\$0.00	\$0.00	\$0.00
Totals	\$25,000.00	\$25,000.00	\$0.00	\$2,613.79	\$2,613.79

Please feel free to contact me if you should have any additional questions or require any additional information.

Sincerely,

Bennett Knox, Parks Manager



MSD

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

December 13, 2005

Mr. Alan Nations
Louisville Olmsted Conservancy
P. O. Box 37280
1297 Trevilian Way
Louisville, KY 40233-7280

Subject: MSD Consent Decree -- Supplemental Environmental Program

Dear Mr. Nations,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has accepted your proposal for the Cherokee Park/Alta Vista Woodlands Restoration and through the Olmsted Conservancy are granting you \$35,000 as part of the Environmental Education and Public Outreach SEP Riparian Buffer requirement. The project must be completed by August 2008.

I have asked Phyllis Croce to work with you to oversee project details and annual summary budget reports. Please contact her at your earliest convenience, to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you and your staff in this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director

cc: Rebecca Bennett
Phyllis Croce
Susan Rademacher



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MSD Funding
as of 6/15/07

**Purpose: Woodlands Restoration
below Alta Vista (Nettleroth)**

Grant Amount:	\$35,000.00
various employees time on project - 2006	(\$7,465.00)
Hunt Tractor (bobcat rental) - 2006	(\$404.00)
Remaining amount available at 12/31/06:	\$27,131.00
various employees time on project - 2007	(\$876.42)
E. Mortenson time on project - 2007	(\$3,295.24)
Current remaining amount available:	\$22,959.34
Balance remaining as of 6-Nov-2007	\$22,959.34
Projected spending for winter 2007&2008 and Spring of 2008	
Brush clearing open areas	(\$1,500)
Tree planting in open areas	(\$15,000)
Balance remaining	\$6,459.34

Notes:

To date, the majority of the grant money has been applied to invasive plant removal, primarily *Lonicera mackii*, and the creation of two small wetland areas to capture stormwater runoff. Both of these activities are directed to improving water quality in the Middle Fork of Beargrass Creek. Research has proven that reduction of *L. mackii* can reduce the amount of available Nitrogen in the soil as NO3 and NH4+ which potentially can find it's way into the creek.

Collection of Stormwater runoff in wet depressions is a proven technique for improving the quality and reducing the quantity of runoff into streams.

In the near future LOPC intends to continue the theme of water quality improvement in beargrass Creek by decreasing the amount of open area in Nettleroth Sanctuary by clearing invasive viney species such as *Ampelopsis*, *Celastrus*, *English Ivy*, *Euonymus*, and *Akebia* and planting trees to re-establish a closed canopy woodland. This should help reduce the quantity of runoff and promote infiltration of water that reaches the ground. Hopefully, the increased canopy and decreased sunlight to the woodland floor will discourage the growth of the viney species.



MSD

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

March 28, 2007

Margaret M. Carreiro, Ph.D.
University of Louisville
Department of Biology
Louisville, KY 40292

Subject: Assessing the Effect of Urbanization on Riparian Denitrification
Function
MSD Ref. No. #JO613001000 56203 / U of L Ref. No. OICB
07-0974

Dear Dr. Carreiro:

MSD, in response to a consent decree with the U.S. Environmental Protection Agency, has voluntarily agreed to fund a Riparian Buffer Supplemental Environmental Project to benefit the environment. MSD has reviewed and accepts your proposal relative to the above referenced research project, and agrees to provide a grant in the amount of Fifteen Thousand Dollars (\$15,000) to help fund the work.

The proposed period of performance of the activities outlined in the attached scope of work is February 15, 2007 through February 14, 2008. However, MSD is required to provide certain reporting to EPA no later than August 2008, so will appreciate being kept apprised of the results of this project on a regular basis. Any deviations from the scope must be approved, in writing, by MSD in advance.

Grant funding of \$15,000 will be provided in full upon execution of this Agreement. No invoice is required to initiate payment. Payment will be by check payable to "University of Louisville Research Foundation, Inc." and will be sent to:

Controllers Office
Room 223 Service Complex
University of Louisville
Louisville, KY 40292
Attn: Billing Specialist

Project ID # OICB070974 will be specified on check/accompanying materials

Please indicate acceptance of this grant by having it signed and dated below by an authorized representative of your institution. Please send the signed letter to your MSD Project Manager, Phyllis Croce. If you have any questions, feel free to contact Ms. Croce at (502) 540-6456.

Sincerely.

Brian Bingham
Regulatory Management Services Director

I hereby accept the terms and conditions as set forth in this Letter Agreement and in the Scope of Work attached hereto.

David D. King
Director, Office of Industry Contracts
University of Louisville Research Foundation, Inc.
as agent of the University of Louisville for receiving
grants and research agreements from external funding sources

Date

Principal Investigator, while not a party to this Letter Agreement, by his/her signature acknowledges that he/she: (1) has read and agrees to abide by the terms and conditions that apply to the Principal Investigator, (2) agrees to conduct/perform the research as outlined in the Research Statement of Work, and (3) if applicable, will see that the work within the scope of this agreement is performed in accordance with an approved University/Institution management plan.¹

Principal Investigator's Name: Margaret M. Carreiro, Ph.D.

Principal Investigator's Signature: _____

Title: Associate Professor, Biology Department

Date: _____

¹ "**Management Plan**" means a written plan for the management, reduction or elimination of a potential financial conflict of interest relating to research. It relies upon, and is therefore limited by, good faith disclosures about significant financial interests made, and other information provided by, a covered individual to the University.

Assessing the Effect of Urbanization on Riparian Functions— Determining Streambank Nitrate Removal Potential Along an Impervious Surface Gradient in Harrods, Goose and Beargrass Creeks

Background: Terrestrial habitats adjacent to streams play many ecological roles that are critical for maintaining good streamwater quality. The roles of riparian vegetation in reducing streambank erosion, cooling the stream, providing food for aquatic species, and mitigating flood damage are easily appreciated, because plants are visible aboveground. However, the roles of riparian soils and soil microbes in buffering streams, though no less important in maintaining streamwater quality, are less often appreciated because they occur out of human sight. One of the most important belowground functions of riparian areas is their ability to reduce the amount of nitrate (a fertilizer) entering streams in groundwater flow. Reducing nitrate inputs means reducing stream eutrophication and improving streamwater chemistry for healthier aquatic communities. This reduction in nitrate input occurs in riparian soils during a microbial process called **denitrification**. During denitrification, nitrate dissolved in groundwater is converted to nitrogen and nitrous oxide gases by microbes. The nitrogenous gases then enter the *atmosphere*, decreasing the amount of nitrate entering the stream. The key factor determining the activity of these denitrifier microbes is whether the riparian soils are wet or dry. When soils are very wet, they contain low oxygen, and low oxygen triggers the activity of these denitrifier microbes. When soils are dry, these microbes are inactive. So, **wet** riparian soils should result in greater denitrification rates and improved streamwater quality by buffering the streams from nitrate inputs. Riparian soils that are **dry** will not promote denitrification, and hence contribute to poorer streamwater quality.

So, one can think of wet vs. dry riparian soil conditions as being an “on-off switch” for this riparian function of denitrification. How might degree of urbanization affect this ecological function? New research in Baltimore, MD is showing that due to increased impervious surfaces in cities and suburbs, this riparian buffer function can be severely reduced. How? Incised streams with deeply cut streambanks that are high above the stream bottom are common in cities and suburbs. This can mean that depth to the water table is greater in and near cities and that urban riparian soils remain dry for longer periods during the year, a condition known as “urban hydrological drought”. Dry soils turn off denitrification and can result in more nitrate inputs to streams.

Jefferson County Research: In 2005, the Carreiro lab at UofL began to study the effects of urban and suburban land uses on riparian zones in Jefferson County. Doctoral student, Jonathan White, established riparian research plots in 38 small watersheds (catchments) within the larger watersheds of Harrods, Goose and Middle-Fork of Beargrass Creeks. The impervious surface gradient in these 38 catchments ranges from 5% to 50%, and land-use and land-cover types adjacent to the plots range from forested, to residential to commercial. ***Our longer term goals are to understand how urbanization affects riparian zone vegetation, soils and ecological functioning, and in turn, how riparian alteration can affect streamwater quality.*** Thus far, we have focused our efforts on: 1) obtaining data on riparian vegetation communities in all 38 catchments, and 2) measuring depth to water table in small groundwater monitoring wells that we dug in riparian zones of 12 of these 38 catchments in summer-fall 2006. We wish to know how depth to water table (soil wetness) varies with respect to impervious surface coverage in these catchments. So far, we have observed that as percent impervious surface of a catchment increases, depth to groundwater also increases (Fig. 1). This *implies* that as a catchment becomes more urbanized, riparian soils within catchments will be drier, and denitrification activity in the streambank will be reduced.

Proposal Request and Potential Benefits for MSD Stream Assessments: *We are requesting funds from Louisville MSD to purchase supplies and equipment needed to measure riparian denitrification rates and link this information to our groundwater well data in these 12 catchments and another two sites where percent impervious surface was greater than 35%. This would be a first step in developing a mathematical model that could allow MSD to link impervious surface coverage at the small catchment scale with degree of impairment in this riparian buffer function (denitrification). This study would constitute part of Jonathan White's doctoral dissertation research. This research would benefit MSD and our Metropolitan area in several ways:*

- 1) After validating the model at some new sites, this information should be transferable to all catchments in the county and permit predictions about the state of riparian functionality along all of the county's streams.
- 2) MSD could add this function to the suite of existing factors used to prioritize streambank restoration efforts across Metro Louisville.
- 3) Restoring or reducing negative impacts to riparian denitrification functioning could become part of assessment protocols for determining optimal riparian buffer *widths* depending on land-use type and impervious surface coverage in their respective catchments.
- 4) Our early data (Fig. 1) also suggest that some catchments with similar impervious surface can vary a great deal in depth to water table in riparian zones. This is exciting because it implies that factors occurring at scales smaller than that of the catchment, and *therefore operating at scales that can be dealt with by riparian restoration projects*, might reduce problems caused at the larger catchment scale over which MSD may have little control.

Funding Request Details: We request funds to place two soil gas chambers in each of the 12 riparian sites that we have established along Harrods, Goose and Beargrass Creeks. We also plan to add two more sites in these watersheds to extend the range of impervious surface measurements to 50%. This would bring the total sites studied to 14 in these three watersheds, with 28 chambers being established. In addition, if MSD requests, we would also be willing to place up to three groundwater wells and up to six soil gas chambers in other riparian areas where monitoring or restoration activities funded by MSD are ongoing. We plan to measure denitrification activity every two weeks for one year to capture the seasonal range in these activities. To link denitrification rates with other conditions and resources that affect this process, we will also measure soil moisture and temperature, and the dissolved organic carbon (DOC) and nitrate concentrations in the groundwater wells. The groundwater wells will be sampled for these chemicals monthly, and for depth to water table every two weeks. Variation in DOC and nitrate will also be linked with the urbanization metrics we have calculated for these catchments. These chemical measurements will enable us to expand our understanding of how urbanization affects this process. Our budget request reflects the costs of constructing these chambers (up to 34), purchasing gas sampling equipment and chemical supplies, and an electron capture detector for an existing gas chromatograph to measure nitrous oxide gas. To travel to all these sites every two weeks for a year, we request funds to rent a university vehicle. Lastly, we also request travel and lodging funds for Jonathan White for one visit to the Groffman LTER laboratory in Baltimore where he can receive advanced training in measuring denitrification in field chambers set out in urban-suburban riparian habitats.

BUDGET REQUESTED

Supplies:	Soil Gas Chambers and Sampling Equipment	\$4000
	Gas Chromatograph Part and Supplies	6700
	Environmental Analysis Lab	3250
	Vehicle Rental	1100
	Advanced training in Baltimore	700
	Total Direct Costs	\$15750
	Indirect Costs (27% of Direct Costs)	4253
	GRAND TOTAL REQUESTED	\$20,002

As Percent Impervious Surface increases, Depth to Groundwater increases in Catchments Within Beargrass, Goose, and Harrods Creek Watersheds

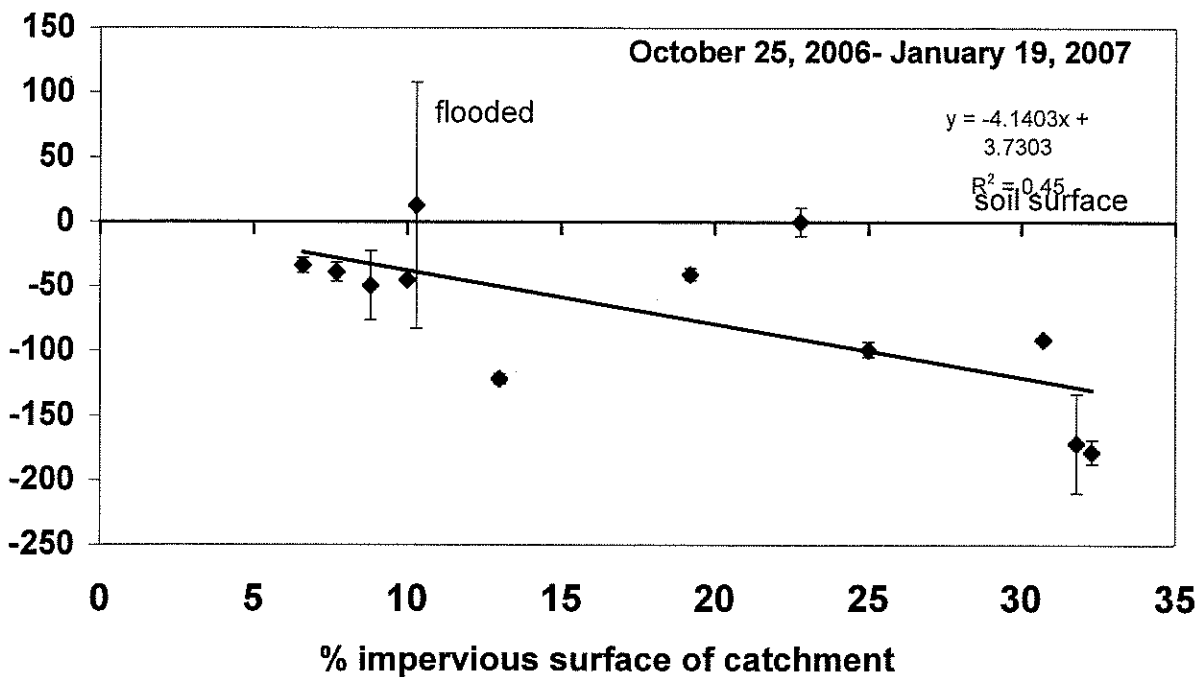


Figure 1. Relationship between % impervious surface in small catchments and depth to the water table in randomly chosen riparian sites in these catchments. Catchments were located in the Harrods, Goose and Beargrass Creek (middle fork) watersheds in Jefferson and Oldham Counties, KY. Data were obtained from 12 groundwater wells measured every two weeks from October 25, 2006 to January 19, 2007 and represent the mean (\pm 1S.E.) depth for each site during that three month period. Wells will be measured for an additional year. So far the deepest water tables are found at 200 cm (2 meters- about six feet) below the soil surface and occur in the most urbanized catchments (>30% impervious surface).



MSD

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

June 12, 2006

Ms. Carol Gundersen
1050 East Kentucky Street
Louisville, KY 4021

Subject: MSD Consent Decree -- Supplemental Environmental Program

Dear Ms. Gundersen,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive staff has accepted your budget and program outline and for the Food Literacy Program at Oxmoor Farm and have agreed to grant your organization \$20,000 as part of the Environmental Education and Public Outreach SEP Sustainable Landscaping requirement. The project must be completed by August 2007.

I have asked Phyllis Croce to work with you and oversee project details and annual reports. Please contact her at your earliest convenience, to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you in this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director

cc: Phyllis Croce



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15 June 2007

Ms. Phyllis Croce
MSD
700 W. Liberty St.
Louisville, KY 40203

Dear Phyllis,

Thank you for your generous donation to the Food Literacy Project's silent auction, which was one of many activities during our Family Farm Day held on June 9 at Oxmoor Farm here in Louisville. The rain barrel donated by MSD was a highly desired item at the auction. Your contribution makes it possible for us to continue reconnecting the Louisville community to the source of their food by giving young people real experiences on a working vegetable farm.

Since its inception in 2006, The Food Literacy Project has facilitated hands-on programming for over 600 youth on the farm and neighborhood gardens as well as in 19 public elementary school classrooms. One of our key goals is to help young people increase their understanding of our food system and local agriculture. Experiences such as harvesting a carrot or tasting a lettuce leaf straight out of the field make a lasting impression and have a direct impact on future choices they will make. In 2007 the Food Literacy Project has acquired 501 (c) 3 status, and added a teaching garden, solar oven, and indoor barn teaching space to our program site. Our achievements are only possible because of contributions from people like you.

We are including a collage of photos taken at Family Farm Day so that you can see first hand the success of the day. Thank you again for your support and I look forward to seeing you soon.

Sincerely,

Carol Gundersen, Director
Food Literacy Project at Oxmoor Farm

January 15, 2007

Dear Ms. Croce,

Please accept this letter as a progress report on behalf of the Food Literacy Project at Oxmoor Farm for MSD's *Sustainable Landscapes* Supplemental Environmental Project. The Food Literacy Project's mission is **to increase agricultural awareness among the Louisville community, enabling urban people to identify their own role and responsibility in the food system through educational programs and technical assistance offered in partnership with a working farm.**

Description of SEP As Implemented to Date

Since the SEP began in June 2006, the Food Literacy Project has taken great strides towards a sustainable food system by exposing diverse populations to working models of urban, organic agriculture. In addition to significant curriculum theme and activity developments, the Food Literacy Project's two programs—hands-on agricultural education on the farm, and technical assistance to urban farmers—have begun fully functioning, reaching a total of **270 young people on the farm and in neighborhood gardens throughout the city in 2006.**

Throughout the 2006 growing season, the Food Literacy Project served public and private school groups, church groups, immigrant and refugee Girl Scout troops, the Kentucky Women in Agriculture group, the Collaborative Regional Alliance for Farmer Training, and the Community Catholic Center, an agency serving at-risk teenagers in Louisville's Portland neighborhood. In November of 2006 the Food Literacy Project **celebrated our first public school field trip to the farm**, delivering a program focusing on nutrition and edible plant parts to a special needs class from Chancey Elementary in Louisville. Over the winter of 2006-07, the Food Literacy Project is engaging in aggressive outreach and promotion of the program among diverse populations, including a series of classroom visits **delivering a portable, indoor version of food and agriculture programming to ten elementary schools in the Jefferson County Public School district.**

The Food Literacy Project's technical assistance program began in 2006 by working with two newly established city gardens: the **St. Peter Claver garden in the Smoketown neighborhood** (coordinated by ACTIVE Louisville), and the community garden at **Americana Community Center in Louisville's South end.** Both of these agencies requested on-site support from the Food Literacy Project during the 2006 season.

Food Literacy Project staff provided a consistent (bi-weekly) presence at the Americana Community Center garden from June through September—including regular work project management, consultations, farmer "office hours," and educational programming for immigrant and refugee youth through Americana's after-school program. **Thirty-six families in south Louisville participated in the garden in 2006**, the majority of which are immigrant and refugee families. The Food Literacy Project spent a total of **68 hours on the site assisting the gardeners**—many of whom were farmers in their countries of origin—in acclimating to Kentucky's climate and growing season, trouble-shooting, and adopting organic growing practices.

The St. Peter Claver garden's needs were more specialized. Food Literacy Project staff provided **hands-on educational programming at the garden site in Smoketown for a total of 90 children and teenagers** from Bates Memorial Baptist Church and the Presbyterian Center's Clean Team during the summer of 2006. In 2007 the Food Literacy Project will build on this work by developing a garden curriculum for use by neighborhood groups seeking to engage youth in the garden, and provide it in conjunction with a series of "train-the-trainer" workshops.

Operating Problems and Solutions

One of the challenges facing the Food Literacy Project is making the program applicable to as many diverse populations in our city as possible. We believe that one of the best ways to reach a broad

constituency, especially children who are not typically exposed to the outdoors in general and farms in particular, is to make the program relevant to public school curricula. Thanks to funding from MSD, Food Literacy Project staff and volunteers have developed curriculum themes and a variety of activities (see “Program Theme Selection and Activities,” attached) and matched them to elementary core content for Science and Practical Living. Because matching our on-farm curriculum to state and national core content standards is critical, and this work is time-consuming, we have yet to develop curriculum for Middle and High School levels. **In addition to expanding the curriculum to Middle and High school levels in 2007, the Food Literacy Project intends to develop the curriculum beyond the Science and Practical Living content areas for Elementary grades to include activities related to Social Studies, Math, and Language Arts.**

Another challenge is the program’s capacity to serve large groups. The magic of the Food Literacy Project’s programs is that they **emphasize real experience, encouraging participants to touch, taste, see, smell, and hear the plants and animals on the farm.** Therefore, facilitating a group with 50 or more students, which we must do when working with public schools and many other groups, poses a staffing challenge. Therefore **in 2007 the Food Literacy Project will use MSD funding to recruit and train 10 volunteers who can help facilitate programs on the farm, ensuring that students will continue to experience the farm in small groups of no more than 10 students at a time.**

Environmental and Public Health Benefits

Food is the universal thread that connects all humans with the natural world. The Food Literacy Project uses a working farm to teach people about the connection and interdependence between humans and their environment. In a world where the average meal travels 1500 miles from farm to plate and the conventional farms where that meal started flush synthetic fertilizers and pesticides into streams and rivers, **the Food Literacy Project at Oxmoor Farm engages people in a new agriculture.**

By demonstrating the viability and positive impact of local, urban, and organic agriculture, this program enables low-income youth and adults to develop a greater capacity to grow their own food. The Food Literacy Project uses an inquiry-based, experiential approach—meaning that participants plant seeds, taste fresh vegetables from the farm, and use all their senses to engage in many other farm activities—to **challenging both youth and adults to ask themselves what kind of food system they envision for our city.** By giving people the tools to create a new food system—**based on fossil fuel conservation, watershed protection, and making fresh, healthy food available to all residents in and around Louisville**—the Food Literacy Project promotes healthy eating habits while providing an example of humans in balance with nature.

The MSD *Sustainable Landscapes* SEP is already enabling The Food Literacy Project’s work to infuse our city with food and agricultural literacy, while reaching a broader constituency. Thank you for the remarkable opportunity to continue this important work.

Sincerely,

Carol Gundersen, Director
The Food Literacy Project at Oxmoor Farm



August 29, 2007

Dear Ms. Croce,

Please accept this letter as a grant report for MSD's *Sustainable Landscapes* Supplemental Environmental Project with the Food Literacy Project at Oxmoor Farm.

Description of SEP As Implemented

Since the SEP began in June 2006, the Food Literacy Project has taken great strides towards reconnecting the Louisville community with the source of their food by facilitating farm experiences for young people. In addition to significant curriculum theme and activity developments (see attached Appendices), the Food Literacy Project's two programs—hands-on agricultural education on the farm, and technical assistance to urban farmers—have begun fully functioning, touching a total of **over 1,000 young people since the SEP began.**

Throughout the 2006 growing season, the Food Literacy Project served public and private school groups, church groups, immigrant and refugee Girl Scout troops, the Kentucky Women in Agriculture group, the Collaborative Regional Alliance for Farmer Training, and the Community Catholic Center, an agency serving at-risk teenagers in Louisville's Portland neighborhood. In November of 2006 the Food Literacy Project **celebrated our first public school field trip to the farm**, delivering a program focusing on nutrition and edible plant parts to a special needs class from Chancey Elementary in Louisville.

Over the winter of 2006-07, the Food Literacy Project engaged in aggressive outreach and promotion of the program among diverse populations, including a series of classroom visits delivering a portable, indoor version of food and agriculture programming to elementary schools in the Jefferson County Public School district. Food Literacy Project staff developed this classroom workshop program and **visited 19 classrooms between January and March 2007, giving 553 students the experience of planting a seed, investigating earth worms, and playing the food web game.**

Teacher feedback from the classroom visits included comments such as:

"The most memorable thing about my classes' experience was the hands-on observation of worms."
"Everything was terrific! The content was engaging and supported the curriculum being taught."

Once the growing season got underway in the spring of 2007, groups began coming out to the farm for field trips. **A total of 661 students have visited the farm since the SEP began in June 2006.** Participant groups have included elementary, middle and high school students; inner-city community centers such as the Urban League and the Louisville Central Community Center; YouthBuild Louisville's E-Corps program participants; a Jewish day school celebrating earth day with a visit to the farm; a U of L anthropology class studying industrial vs. sustainable food systems; and a class of developmentally disabled elementary school students. **Eighty percent of the school-age children who visited the farm were from low-income families, and qualify for free or reduced lunch at their schools. Thanks to MSD funding, as of 2007 the Food Literacy Project has offered bus transportation to low-income participant groups whose visit would otherwise be prohibited.**

Students who visited the farm had lots of feedback and thanks to the Food Literacy Project for their experience:

"It smells like nature out here!"

"I really thank you for teaching me a lot about what I eat and where it comes from."

"I loved tasting new foods."

"My favorite part of the visit was when we got to plant a lima bean. My lima bean is growing in my room by my window."

"One thing I learned from your visit was that worms help plants, like turning waste into nutrients."

"I learned that Oxmoor Farm came before the mall because they needed it more than the mall."

"Our experience was overflowing with fun. I enjoyed learning where food comes from and where it was produced. When you asked us to pull up the weeds away from the potato plants I was really against that but then when I tried it, it was kind of fun. Thanks."

The Food Literacy Project's technical assistance program began in 2006 by working with two newly established city gardens: the **St. Peter Claver garden in the Smoketown neighborhood** (coordinated by ACTIVE Louisville), and the community garden at **Americana Community Center in Louisville's South end**. Both of these agencies requested on-site support from the Food Literacy Project during the 2006 season.

Food Literacy Project staff provided a consistent (bi-weekly) presence at the Americana Community Center garden from June through September 2006—including regular work project management, consultations, farmer "office hours," and educational programming for immigrant and refugee youth through Americana's after-school program. **Thirty-six families in south Louisville maintained a 9'x9' plot in the garden in 2006**, the majority of which are immigrant and refugee families. Food Literacy Project staff spent a total of **68 hours on the site assisting the gardeners**—many of whom were farmers in their countries of origin—in acclimating to Kentucky's climate and growing season, trouble-shooting, and adopting organic growing practices.

The St. Peter Claver garden's needs were more specialized. Food Literacy Project staff provided **hands-on educational programming at the garden site in Smoketown for a total of 90 children and teenagers** in 2006. In 2007, we have worked more deeply with smaller groups of young people in the garden, including most notably the 4th District Clean Team, a group of 10 neighborhood teenagers hired through the Presbyterian Community Center to do neighborhood improvement and beautification work. **Each week throughout the 2007 growing season, Food Literacy Project staff has guided the Clean Team through the process of growing food through games, lessons about sustainable agriculture, and practical work projects in the garden. Lessons and activities have focused on a variety of topics, including organic and sustainable agriculture, water and nutrient cycles, nutrition, and the basics of how plants grow.** A field trip to Oxmoor Farm complimented the Clean Team's experience in the garden by enabling the students to compare the scale and practices on an 8-acre working farm with that of their urban garden. Programming in the garden with the Clean Team will continue through the fall of 2007.

In 2007 the Food Literacy Project built on this work by developing a garden curriculum for use by neighborhood groups seeking to engage youth in the garden. This will help the St. Peter Claver garden, and other urban community gardens throughout Louisville, to make their community garden programs sustainable, orienting youth program staff to how to infuse the garden into their programming.

Finally, thanks to MSD SEP funding, the Food Literacy Project facilitated a **free three-hour professional development workshop for teachers** in April 2007, demonstrating for teachers strategies, including written lesson plans, for infusing their curricula with food and agriculture themes, and making the case for food-based environmental education.

Operating Problems and Solutions

Staffing the work has been a challenge for the Food Literacy Project since the beginning. As a startup organization starting from scratch, the FLP board and solo staff person had our work cut out for us. In 2006, FLP not only delivered experiential environmental programming on the farm to almost

300 youth, developed all our curriculum, materials and systems, and did the outreach work to recruit participants; the FLP board also formed itself, incorporated as a nonprofit organization, filed for tax-exempt status with the IRS, and hired an executive director. The Food Literacy Project's focus in the year 2007 has been aggressive programming that reaches many of the diverse populations within our city. With a small but highly hands-on board, a staff of one person, and a few committed volunteers, the organization has served over 1,000 youth in its short history. As we receive more requests for programming than we can accommodate, the ongoing challenge we face is how quickly to expand our young program. Our solution is to develop a short-term staffing plan for 2008 as well as longer-term strategic plan for the organization.

By December 2007 the Food Literacy Project will have a staffing plan for the 2008 season and a fundraising plan to support it. Meanwhile, in July 2007, the FLP board began a long-term strategic planning process, beginning with a full-day board retreat. Over the course of the fall of 2007, working groups within the board, together with the director, will develop a strategic plan—including program planning, fundraising, staffing, and public relations—that will guide our work over the next 3-5 years.

Environmental and Public Health Benefits

Food is the universal thread that connects all humans with the natural world. The Food Literacy Project uses a working farm to teach people about the connection and interdependence between humans and their environment. In a world where the average meal travels 1500 miles from farm to plate and the conventional farms where that meal started flush synthetic fertilizers and pesticides into streams and rivers, **the Food Literacy Project at Oxmoor Farm engages people in a new agriculture.**

By demonstrating the viability and positive impact of local, urban, and organic agriculture—while exposing young people to fresh fruits and vegetables while they are still in the ground—this program enables low-income youth and adults to develop a greater capacity to grow their own food. The Food Literacy Project uses an inquiry-based, experiential approach—meaning that participants plant seeds, taste fresh vegetables from the farm, and use all their senses to engage in farm activities—to **challenging both youth and adults to ask themselves what kind of food system they envision for our city.** By giving people the tools to create a new food system—**based on fossil fuel conservation, watershed protection, and making fresh, healthy food available to all residents in and around Louisville**—the Food Literacy Project promotes healthy eating habits while providing an example of humans in balance with nature.

The MSD *Sustainable Landscapes* SEP has been instrumental in laying the foundation for the Food Literacy Project's work, infusing our city with food and agricultural literacy. Thank you for making this work possible.

Sincerely,



Carol Gundersen, Director
Food Literacy Project at Oxmoor Farm



MSD Supplemental Environmental Project Funds Committed, August 1, 2006-July 31, 2007

<u>Expense</u>	<u>Amount</u>
Program and Curriculum Development	\$3,800
Free Elementary School Classroom Visits	\$1,150
Scholarships for low-income program participants (including technical assistance)	\$2,130
Free teacher professional development	\$ 535
Program Personnel on Farm	\$7,080
Telephone/Internet	\$ 732
Site Development (Classroom, portable toilet)	\$ 761
Materials (seeds, potting soil, tools, etc)	\$1,707
Printing/Copying/Promotional Supplies	\$ 234
Consultants and Training	\$ 500
Mailing/Postage	\$ 223
Insurance	\$ 933
Program Participant Transportation	\$4,000
IRS fee to file for 501(c)3 status	\$ 750
Total SEP Expenses	\$24,535

The Food Literacy Project at Oxmoor Farm
MSD Supplemental Environmental Project Spending as of January, 2007

Full scholarships for low-income program participants	\$ 929
Printed materials for curriculum and promotional materials	\$ 114
Program Materials and Equipment	\$ 653
Site Development	\$ 326
Staff time for curriculum development and program facilitation	\$2,532
 Total SEP Funds Spent to Date	 \$4,554



Program Theme Selection and Activities

We want to make your group's experience at Oxmoor Farm as relevant to your group as possible. The following are program themes with examples of lessons that are part of a developing curriculum at Oxmoor Farm. Check off one theme of particular interest to your group; or, choose any combination of activities that you would like your group to experience, keeping in mind that each activity typically takes between 20 and 40 minutes. Indicate specific curricular guidelines at the bottom of the page. *Activities within each theme may vary based on time, weather, and resources available.*

Organic Farming and Interdependence

Topics include sustainable and organic agriculture, plant growth and development, interdependence, and exploring the interrelationships between people, the natural world and our food system. Sample activities:

Activity	Core Content	Science Module
<input type="checkbox"/> Compost/worm exploration	(SC-EP-3.4.1 PL-3.1.04, SC-EP-3.4.4)	Animals 2x2, Structures of Life
<input type="checkbox"/> *The Magic Seed/Plant-a-seed	(SC-EP-3.4.1, SC-EP-3.4.4)	New Plants, Diversity of Life
<input type="checkbox"/> *Food web game	(SC-EP-4.6.1)	Insects, Food chains & Webs
<input type="checkbox"/> Garden scavenger hunt	(SC-EP-4.7.1, SC-04-4.7.2)	Insects, Food chains & Webs
<input type="checkbox"/> *Potato bug game	(SC-EP-4.7.1)	Insects, Food chains & Webs

Food and Nutrition

This theme explores the 'what' and 'why' of our food choices. We will sample fresh foods from plants grown on the farm and learn how they help unlock our bodies' full potential. Sample activities include:

Activity	Core Content	Science Module
<input type="checkbox"/> Healthy food vs. junk food	(PL-1.4.1, PL-1.2.01, PL-1.3.1, PL-04-1.2.01)	
<input type="checkbox"/> *Six plant parts burrito (tasting tour)	(SC-EP-3.4.3)	New Plants, Structures of Life
<input type="checkbox"/> *Food and nutrition Who-am-I Game?	(PL-1.4.1, PL-1.2.01, PL-1.3.1, PL-04-1.2.01)	
<input type="checkbox"/> Trace-your-lunch/map our food system	(PL-3.1.1, PL-1.1.06, SC-04-4.7.2, PL-05-3.1.02)	Structures of Life
<input type="checkbox"/> Bake bread using the solar oven and make butter		
<input type="checkbox"/> Cooking or food prep with vegetables from the farm	<i>*This activity requires at least three weeks advance notice, as it necessitates coordination with our partners in the Master Food Volunteer program to facilitate the activity.</i>	

Plant structures

This theme addresses plant parts, adaptations, and classification, all within the context of food and farming.

Activity	Core Content	Science Module
<input type="checkbox"/> Six plant parts burritos (tasting tour)	(SC-EP-3.4.3)	New Plants, Structures of Life
<input type="checkbox"/> Three sisters garden	(SC-E-3.3.2, SC-E-3.1.3)	New Plants, Structures of Life
<input type="checkbox"/> *The Magic Seed/Plant-a-seed	(SC-EP-3.4.1, SC-EP-3.4.4)	New Plants, Structures of Life
<input type="checkbox"/> Edible Plant Parts Twister		
<input type="checkbox"/> *Plant classification (monocots & dicots)	(SC -E-3.1.3)	New Plants, Structures of Life

Introduction to Food, Agriculture, and the Environment

Activity	Core Content	Science Module
<input type="checkbox"/> Tasting tour of the farm		New Plants, Animals 2x2
<input type="checkbox"/> Compost/worm box exploration	(SC-EP-3.4.1 PL-3.1.04, SC-EP-3.4.4)	Animals 2x2, Structures of Life
<input type="checkbox"/> *The Magic Seed & Plant-a-seed	(SC-EP-3.4.1, SC-EP-3.4.4)	New Plants, Structures of Life
<input type="checkbox"/> *Service learning/work project		

*teacher-led activities. (Teacher-led activities are written up for you, but due to our small staff, we may ask that you facilitate the activity with each small group).

Note: Activities and themes can be tailored based on group's interest. If you do not see relevant activities or core content here, please indicate what you would like your group to get out of their experience, so we can develop a program that will best compliment your group's interests: _____

Thank you very much I really enjoyed you coming to teach us some things about farms. I didn't know that so much food comes from a farm. So you help a lot around the community. So thank you for coming without us having to pay that was very nice of you.

Love,

Reyton Bland

P.S. thank you

Dear Oxmoor Farms,

One thing I learned from your visit was that worms did so much for the Earth. I had no clue how much they do for the Earth.

My favorite part of your visit was planting the seeds. I also liked observing the worms.

One thing that might improve your visit next time would be add more experiments. I was hoping there would be one more experiment.

Thank you,
Morgan

Date: 11/27/06

Dear Miss Carol,

Thank you for sharing Oxmoor Farm with me.

One thing I learned was the parts of
a plant

My favorite part of the farm was eating the
plants and playing games

Something that would make field trips to Oxmoor
Farm even better is making a salad
with the plants

Thanks again.

Your friend,

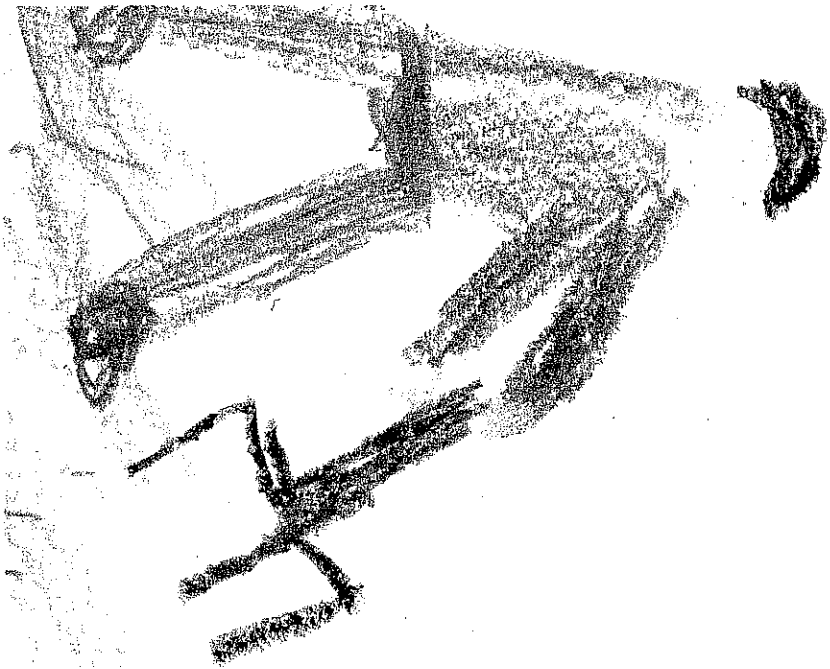
Class 109 (Ms. Gately)

Dear Onnor Farms,

I love the trip to your farm. I grew up in the country so I was used to it. I learned so much. I learned to watch what eat because it can lead to have serious diseases like diabetes, cancers, heart attacks, and more. I also learned that think more about where food comes from because it in Kroger's in Kentucky doesn't mean that it is from Kentucky it may be from Europe or from a different country. I learned that veggie Britos are very, ok, meat - I love it in a way. I'm glad that I went there.

Sturley
Destiny
Carter

→ liked
digging
potatoes



1. When we shined the light on the worms they tried to get to the dark side. They responded to the light and go to the darkness.

2. Because the worms are used to **Being** in the dark the light is too bright and the light is too hot and the worms might dry up.





MSD

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

December 13, 2005

Mr. Tim Barry
Executive Director
Louisville Metro Housing Authority
420 South 8th St.
Louisville, KY 40203

Subject: MSD Consent Decree - Supplemental Environmental Program

Dear Mr. Barry,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has accepted the ACTIVE Louisville proposal for developing the vacant lot at 526 Lampton Street into an edible garden plot and are granting \$30,000 (thirty thousand dollars) to the Louisville Metro Housing Authority as part of the Environmental Education and Public Outreach SEP Sustainable Landscape requirement. This amount supports funding the soil remediation, security and lighting for the project and must be completed by August 2007.

I have asked Phyllis Croce to work with Nina Walfoort and David Ritchay to oversee project details and annual summary reports. Please have them contact her to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director

cc: Phyllis Croce
Rebecca Bennett
Nina Walfoort



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

Supplemental Environmental Project Completion Report

*A Grant provided to ACTIVE Louisville for support of
Environmental Education and Public Outreach*

26 March 2007

Sarah M. Laster, ASLA
ACTIVE Louisville
420 S Eighth Street
Louisville, KY 40202
502 419 1292
Sarah.laster@gmail.com

Background.

Since November 2003, ACTIVE Louisville (AL) has developed and implemented strategies that remove barriers to routine physical activity in Smoketown, a predominately African-American, inner city neighborhood in Louisville, Kentucky. In June of 2005, Active Living by Design (ALbD) awarded ACTIVE Louisville an additional Healthy Eating by Design (HEbD) grant. This grant funded efforts in Smoketown to address the growing risk of overweight and obesity among low-income children by increasing access to healthy foods and opportunities for healthy eating. Specifically, the partnership is helping the community create garden in an urban setting conducive to educating a new generation of youth about the connection between natural spaces, locally grown food, health and physical fitness.

The Metropolitan Sewer District (MSD) funds are being used to develop an edible garden plot on a formerly vacant lot at 516 Lampton Street. Specifically, these monies are being used to fund projects including soil remediation, security (fencing), transfer of the garden title, a water connection, the installation of a water catchment system on-site, and native plants exhibit. ACTIVE Louisville continues to collaborate with the Louisville Metro Housing Authority (LMHA), the Metropolitan Sewer District (MSD), the Jefferson County Cooperative Extension Service, the Presbyterian Community Center (PCC), Jefferson County Public Schools (JCPS), the Louisville Metro Department of Public Works (DPW), the Presbyterian Child Development Center (PCDC), and Louisville Metro Department of Housing and Community Development to bring these plans to fruition.

The SEP funds have enabled ACTIVE Louisville to transform this vacant lot into a true community space – a teaching garden for youth served by Meyzeek Middle School, the Presbyterian Community Center, Bates Memorial Church, and other neighborhood institutions; a place for residents to grow produce on their own, small plots; a site for neighborhood celebrations; an area for physical activity (and quiet contemplation) and a space to demonstrate methods for decreasing storm water runoff in urban neighborhoods. The success of the projects implemented thus far can be largely attributed to support from our partners including the. Below is a description of each project in the SEP, which outlines the work being accomplished, and includes a narrative budget that describes (*anticipated*) expenditures for each project.

I. Soil remediation.

Fertile soil, access to water and security are essential to a successful urban garden. Sampling performed by Micro-Analytics, Inc in May of 2005 identified several areas of the garden site with elevated levels of lead in the soil. A portion of the soil contained lead levels just above the most stringent Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) standards. In order to maximize use of the site and fulfill the vision of the garden as a place for residents to grow food, the soil needed to be abated.

ACTIVE Louisville researched methods of abatement with cost estimates ranging from \$20,000 to \$70,000. Fortunately, the Louisville Metro Department of Public Works (DPW) contributed approximately \$70,000 of in-kind remediation services. DPW removed 12 to 24" soil from the contaminated areas and backfilled compost from the City's Operation Brightside onto the site. The soil removed from the site was used as road fill elsewhere in the county.

On April 6, 2006 Micro-Analytics certified lead hazard risk assessor Martin Green performed a visual inspection and a lead in the soil assessment of the remediated areas. According to Green, 12 to 24 inches of soil appeared to have been removed from the site and new soil backfilled onto the property. Following the visual inspection, Micro-Analytics conducted a soil sampling at various depths in the area. The results of the lead in soil assessment are summarized in the table below:

The generous in-kind services of DPW reduced lead levels in the soil on the garden site to below EPA and HUD standards. As a result, community members and organizations such as the Presbyterian Child Development Center (PCDC) and the Meyzeek Gardening Club were able to grow vegetables and flowers in the garden during the 2006 growing season. Also, funds that had been earmarked for soil remediation were reallocated to pay for a consultant to prepare a land survey of the garden.

Micro-Analytics, Inc.	1,384.00
<i>Conduct testing for and prepare an environmental soil assessment report for the rear of 526 Lampton Street in Louisville, Kentucky.</i>	
SUBTOTAL	\$1,384.00

II. Garden title.

The St. Peter Claver Community Garden property was first identified in neighborhood planning efforts as an ideal location for a community garden in 2005. ACTIVE Louisville contracted Willmoth International to prepare a land survey of the garden site,

necessary for the title transfer. Early 2006, the title for the property, formerly owned by the Louisville Metro Housing Authority (LMHA), was transferred to the LandBank Authority of Louisville. The title transfer was made possible in part due to in-kind legal assistance provided by LMHA to resolve outstanding easement issues. E. Gail Kaukas of MetroRisk provided additional legal services in-kind – Kaukas facilitated the title transfer between Metro Agencies. We anticipate this site will be used as a public garden space for many years to come.

Willmoth International

1,350.00

Conduct and prepare a land survey of the garden site at 516 Lampton Street.

SUBTOTAL

\$1,350.00

III. Water connection.

The water connection will enable gardeners to wash their hands and produce on site as recommended in Operation Brightside's protocol to reduce risks from lead in soils used for gardens, and to water crops during drought. In July of 2006, the Louisville Metro Department of Housing and Community Development granted ACTIVE Louisville permission to install a city water connection and associated service lines, meters and hydrants. ACTIVE Louisville worked with the Louisville Water Company to install a residential water meter at the community garden entrance at 516 Lampton Street. Chism Service Irrigation installed approximately 300 feet of 1-inch PVC water service piping 30-inches below ground connecting two new Woodford above ground frost-proof hydrants (also installed by Chism) as contracted by ACTIVE Louisville. The cost of installation included backfill and mounding of soil on trench line. No seeding, sod, grading or compaction was included.

Chism Irrigation Service

1,485.00

Approx. 300' of 1" PVC water service piping 30" deep with two Woodford above ground frost proof hydrants and connection to water meter.

SUBTOTAL

\$1,485.00

IV. Fencing.

The Louisville Metro Department of Housing and Community Development granted AL permission to remove and replace the temporary chain link fence along the north side of the garden in July of 2006. AL purchased materials for the fence, including 232-feet of 6-foot high black vinyl-coated chain link fence and two 3-inch square black gate posts from Creative Construction and contracted YouthBuild Louisville to install the fence line. YouthBuild Louisville is an organization that allows unemployed and undereducated youth to build affordable housing and earn their GED or high school diploma. The fence was completed late in 2006.

Creative Construction	2,252.00
<i>232' length x 6' height black vinyl chain link fence and 3" black square gate posts.</i>	
YouthBuild Louisville	1,850.00
<i>Installation of fence.</i>	
SUBTOTAL	\$4,102.00

V. Native plants exhibit.

ACTIVE Louisville and friends of the St. Peter Claver Community Garden including Jefferson County Public Schools, the Metropolitan Sewer District, YouthBuild Louisville, and the Louisville Metro Housing Authority, hosted a series of workshops to generate designs for the entrance garden featuring Kentucky native plants. The workshops were held on November 17, 20 and 21 at the historic St. Peter Claver Chapel. Avid gardeners, residents, local officials, designers and community members were invited to attend one of three design workshops.

Youth from Meyzeek Middle School's gardening club, YouthBuild Louisville, and the 4th District Clean Team participated in the design process with licensed landscape architects and other professionals. Participants discussed the benefits of using native plant materials, enhancing safety of the area with lights, installing benches and potentially capturing rainwater for a solar-powered fountain. Sarah Laster, a landscape architect, created a design for the entrance garden based on the sketches and ideas generated during the charrette that utilizes native plants, reused materials and signage highlighting ways for residents to incorporate water-reducing design into their home landscape.

The garden will be installed in the spring of 2007 by YouthBuild Louisville. Also, YouthBuild Louisville is contributing \$1,000.00 toward the purchase of plant materials for the entrance garden through a separate grant from MSD.

Native Plants Exhibit	5,000.00
<i>Accessible entrance garden of KY native plants materials, labor and signage.</i>	
SUBTOTAL	\$5,000.00

VI. Garden curriculum.

Currently ACTIVE Louisville is working with Carol Gundersen, Director of the non-profit Food Literacy Project and Sharon Mohn, Director of the Presbyterian Child Development Center (PCDC) to create a literacy-focused environmental curriculum for preschool-age children designed to be taught in a garden setting. AL and partners will use the curriculum to establish a preschool garden literacy pilot-program in the St. Peter Claver Community Garden that can be replicated at other community garden sites. The curriculum will focus on age appropriate reading material related to the environment, food, health and nutrition, and gardening. In December of 2006, ACTIVE Louisville received a supplementary Healthy Eating by Design grant; \$2,000.00 of which will pay for Gundersen to complete the curriculum. Additional funds from this grant will pay for Gundersen to instruct the pilot program.

Carol Gundersen	2,000.00
<i>Literacy focused curriculum for preschool age children designed to be taught in a garden setting.</i>	
SUBTOTAL	\$2,000.00

VII. Water catchment system and pavilion.

A pavilion will provide groups, including Meyzeek Middle School students, utilizing the garden with a space to gather for discussion and instruction about ecology and natural systems in all weather conditions. Kathleen O'Neil, AL's construction manager, has designed a rainwater catchment system and educational pavilion for the garden site. The rainwater catchment system will capture and store rainwater from the roof of the pavilion for use in the garden. Anderson Wood has donated \$2,000.00 toward the purchase of wooden materials. Additionally, MSD will donate rain barrels and the supplies to host a rain-barrel workshop for garden enthusiasts and children. In-kind contributions, such as these, have reduced the overall cost of the project significantly. Of note, the pavilion project may be selected as a 2007 Metro United Way Days of Caring project in

Smoketown. If chosen, Metro United Way will provide volunteers, including skilled labor, at no cost in late summer of 2007 to construct the pavilion.

Rainwater Catchment System and Education Pavilion	10,000.00
<i>Pavilion materials and system for capturing rainwater from pavilion roof.</i>	
SUBTOTAL	\$10,000.00

VIII. Rain Garden

AL, with technical assistance from MSD landscape restoration specialist Phyllis Croce, is designing a rain garden to be installed on at 526 Lampton Street. The rain garden will divert water from storm drains and combined sewers by disconnecting downspouts from the roof of the St. Peter Claver Chapel located on the property. Signage will highlight the environmental benefits of rain gardens and methods for residents in the surrounding community to create a garden on their own property. Volunteers and youth from the 4th District Clean Team, with assistance from the garden Site Manager, will install the garden by late summer of 2007.

Rain Garden	2,000.00
<i>Plant materials, labor and signage.</i>	
SUBTOTAL	\$2,000.00

IX. Garden Site Manager

The vision of the garden could not have been realized without the technical expertise of skilled landscape contractor Jim Busch. AL will continue to contract with Busch for services related to the ongoing care of the native plant, installation of plant exhibits and community garden maintenance, such operating large machinery, as needed.

Jim Busch

2,000.00

Garden maintenance and site management as needed..

SUBTOTAL

\$2,000.00

X. Garden Intern

AL will contract with a University of Louisville Bonner Scholar to assist and coordinate summer 2007 garden programming. The intern will receive informal training and materials about the on-site exhibits – specifically, the environmental and health benefits of diverting storm-water run-off, watershed protection and growing food locally.

Garden Intern

500.00

Instruction related to on-site exhibits and assistance with garden programs.

SUBTOTAL

\$500.00

**ATTACHMENT 1.
SUMMARY OF EXPENDITURES**

ITEM	COST	BALANCE
		30,000.00
I. Soil Remediation		
Micro-Analytics, Inc. <i>Conduct testing for and prepare an environmental soil assessment report for the rear of 526 Lampton Street in Louisville Kentucky.</i>	1,384.00	
SUBTOTAL	1,384.00	28,616.00
II. Garden Title		
Willmoth International <i>Conduct and prepare a land survey of the garden site at 516 Lampton Street.</i>	1,350.00	
SUBTOTAL	1,350.00	27,266.00
III. Water Connection		
Chism Irrigation Service <i>Approx. 300' of 1" PVC water service piping 30" deep with two Woodford above ground frost proof hydrants and connection to water meter.</i>	1,485.00	
SUBTOTAL	1,485.00	25,781.00
IV. Fencing		
Creative Construction <i>232' length x 6' height black vinyl chain link fence and 3" black square gate posts.</i>	2,252.00	
YouthBuild Louisville <i>Installation of fence.</i>	1,850.00	
SUBTOTAL	4,102.00	21,679.00
V. Native Plants Exhibit		
<i>Accessible entrance garden of KY native plants materials, labor and signage</i>		
SUBTOTAL	5,179.00	16,500.00
VI. Garden Curriculum		
Carol Gundersen <i>Literacy focused curriculum for preschool age children designed to be taught in a garden setting.</i>	2,000.00	
SUBTOTAL	2,000.00	14,500.00
VII. Rainwater Catchment System & Pavilion		
<i>Pavilion materials and system for capturing rainwater from pavilion roof.</i>		

SUBTOTAL	10,000.00	4,500.00
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VIII. Rain Garden

Plant materials, labor and signage.

SUBTOTAL	2,000.00	2,500.00
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IX. Garden Site Manager

Garden maintenance and site management as needed..

SUBTOTAL	2,000.00	500.00
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X. Garden Intern

*Instruction related to on-site exhibits and assistance
with garden programs.*

SUBTOTAL	500.00	0.00
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REMAINING BALANCE

0.00



MSD

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

January 31, 2007

Ms. Lynn Rippy
Executive Director of Louisville Youthbuild
800 W. Chestnut St., Room 104
Louisville, KY 40201-0638

Subject: MSD Consent Decree - Supplemental Environmental Program – Sustainable Landscapes

Dear Ms. Rippy,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has accepted the proposal for the Rain Garden and E-Corps Project. We have authorized the funding of \$45,000 to be used for establishing this program as part of the Environmental Education and Public Outreach Sustainable Landscaping SEP. Specifically this SEP is for the “Education, planning, plant material for implementing sustainable landscaping for urban areas. Specifically, schools and in-fill low income housing will be targeted.” The project must be completed by August 2007.

Rain gardens are an important element of our Combined Sewer mitigation program. As you know MSD is in the process of developing a rain garden program targeting critical areas and neighborhoods as identified in the Consent Decree. I have asked Phyllis Croce to work with you to oversee project details, garden site selection and the summary budget reporting. Please contact her in reference to the project budget review, schedule and implementation.

Again, congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director

cc: Catherine Ashnabraner
Rebecca Bennett
Phyllis Croce



*Beneficial Use of Louisville's Biosolids
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***Summary of E-Corps Summer Launch
Funded through SEP funds from Metropolitan Sewer District
Written 8/20/07***

Twelve young Louisvillians (ages 17 – 21) spent eight weeks (working full-time) building rain gardens to combat local watershed issues, maintaining outdoor classrooms at JCPS schools, teaching young children about working farms, preserving natural resources and expanding the urban tree canopy. In a survey to evaluate how students' skills and abilities were affected from their participation in E-Corps, students recognized improvements in their capacity to do hard work, work with others and as a team, and in their ability to handle tools and work safely. They took the opportunities to learn from mistakes, practice leadership, develop a greater optimism toward life, and relate better to people of different backgrounds, which they noted as the most dramatic change. Overall, the students agreed the program greatly increased their work skills and interest in further education or job training.

E-Corps' operating problems were relatively minor and mostly a function of this being a first-time program. Transportation was difficult to organize with one van shared between two and sometimes three work crews at sites on opposite sides of the city. Long waits and long commutes could be cut either by renting 2 vehicles or arranging the crews to be working in nearby parts of town. Since E-Corps doesn't yet have a tool inventory, the Construction Crew had to borrow or buy tools for each job. A few of the construction projects suffered some delay from lack of organization on the part of the sponsors or waiting for the proper tools. For the next program, E-Corps needs to be more discerning about the projects it takes on, the crew leaders will have to be savvier to dealing with contingencies, and it should make a plan for establishing a tool inventory.

The schedule balanced projects at the different sites and educational enrichment. Short Fridays and the week vacation in the middle of the program helped pace the students and provide welcome and timely rest from the hard, hot work. Students didn't mind, in some cases, working right up until school started; they were so committed to their community service and for the Garden Crew in particular, the visual impact of their work would be greatly diminished if the weeds had a chance to grow back before the fall students arrived.

Educational experiences covered an incredibly diverse range of the conservation, restoration, and biodiversity issues facing a metropolitan area, from individual plant maintenance to long-term urban planning. Students developed a basic familiarity with green belts, riparian habitats, invasive and indigenous species, urban greenspace, trail building and maintenance, forest ecology, outdoor classrooms, environmental racism and classism, ecosystems, and biodiversity. In casual conversation, editorials, and interviews, they were able to name and speak their own thoughts on these issues intelligently and articulately. The combination of experiential education and manual labor inculcated this learning in a way no lecture or indoor classroom experience could and allowed the students to discover for themselves the ways these issues are connected and their importance. This success could be expanded and students could benefit further by seeking out speakers from more diverse backgrounds; the speakers were all white and almost all male, tended to related to the environment in a fairly consistent way, and had similar histories of exposure to the natural world that were difficult for some of the students to relate to. E-Corps staff will need to reach out to current partners for assistance in identifying more women and people of color in the environmental field.

In two short months, the E-Corps students realized a startling volume of work. The Outdoor Classroom Crew spread 6 tons of gravel, 8 truckloads of compost, and 8.5

truckloads of woodchips to amend and maintain 240 garden beds and maintain and create 4610 sq. ft. of garden pathways. The Construction Crew finished 5 wheelchair-accessible, raised garden beds, constructed and installed 4 geometric tree benches around young trees, laid 100 linear feet of sidewalk leading to a community garden, and constructed a rabbit fence and the enclosed raised garden beds. The Farm Crew, working with Oxmoor Farms and the Food Literacy Project taught lessons to at least 15 groups of children, aged 5-15, expanded the educational garden by 100%, removed and replaced its bed contents, maintained beds, and helped harvest and distribute produce for the Community Supported Agriculture shares. The entire E-Corps group also helped to install 2 rain gardens, spent over 9 hours removing the invasive garlic mustard from woods at the Falls of the Ohio State Park, and brought in 11 extra volunteers to help with projects.

Working at sites all throughout Metro Louisville, the summer E-Corps students took pride in the environmental and public health benefits of their labor. Rain gardens concrete walkway beautified the Smoketown neighborhood and diverted storm water from the sewer and will generated interest and awareness of the community garden. Outdoor classrooms provide beautiful and educational places to play and learn. Removal of invasive species and planting of indigenous species restored native habitat. Planting native gardens and trees contributes to better air quality and soil health. The work with the Food Literacy Project educates children about nutrition. Overall, leaving places cleaner, more lush and more beautiful than they were found encourages other people to do the same and to spend time outdoors.

The E-Corps students also took great pride in the long-term impact their work will have on the children who utilize these sites (over 4,659 students are enrolled in fall 2007 in the schools we served.) Seeing carefully maintained outdoor classrooms when the children first return to school will inspire them to keep it up, take pride in their school and

get involved. Lassiter Middle School didn't have the labor or support to maintain their outdoor classroom and without E-Corps' labor, the environmental education program at the school would not be revitalized. The tree benches at J-Town Elementary will invite children to sit and play around the growing trees. The raised beds at Engelhard Elementary will enable students in wheelchairs to learn and play in the garden. The students at Farnsley Middle School will be awed to find their dirt schoolyard turned into a vast outdoor classroom. The walkway at St. Peter Claver draws attention to the community garden and is a huge help toward making it wheelchair accessible. Field trips to Oxmoor farm exposed children to cycles of the land, where food comes from, better nutrition, local produce, and homemade food. Paved, mulched, and graveled walkways invite exploration, trees provide shade, benches provide rest, and gardens provide food, beauty, education and habitat. The hardscape and landscape projects at the schools will affect thousands of children attending Farnsley, Lassiter, Chenoweth, J-Town, Kennedy Montessori, Foster, Englehard and Stonestreet, by enriching their educational experience with the opportunity to learn about and participate in environmental stewardship.

Throughout the program, the students reflected at the end of each day on what they had learned, as well as the positive and negative aspects of that day. This daily reflection culminated at the end of the program with the students completing individual survey's to evaluate and record their impressions and experiences of the program, work crew discussion and evaluations, and a whole group reflection. E-Corps staff will be in touch weekly with the summer participants to record their continuing service and maintain alumni contact. Without doubt, these young adults will take the passion they came in with and the new skills and confidence they left with and continue to do amazing community service.

What did you like best about E-Corps?

- Empowering tomorrow's leaders today!
- I liked that we had so many different people working for the same goal.
- To meet and work with a different race, making a great impact at different schools.
- Making friends and helping the environment.
- I liked working hard and accomplishing things/goals.
- The opportunity to really help, by that I mean to do work that most people don't want to do.
- The thing I liked most about E-Corps was all the different personalities.
- The best part was probably being able to work with such awesome people but also the ability to actively change the community for the better.
- Working with my crew.
- Working with lots of interesting, like-minded people all committed to one goal.

What needs improvement in the E-Corps Summer E-Corps Program?

- Program documentation - camera for each crew. Hours worked per site, square feet, tons. Journaling. E-Corps sign.
 - Communication. Some things couldn't be helped but better communication always makes things easier.
 - Nothing, but more people.
 - More people.
 - More accountability of people who left or missed days
 - Stricter consequences for tardiness and bad work ethic.
-
- Scheduling and transportation had some bumps but otherwise my only improvement would be cut off sleeves.
 - Small things that will automatically improve over time; organization, tools, preparation.
 - Maybe a few less hours, more people, more organization, projects with participation by their initiators (principals of schools, St. Peter Claver, etc)

What would you say was the most important thing you learned this summer?

- Remember the different abilities of individuals.
- I learned about my city. I was born and raised here, but up until this program I was painfully naïve about many different facets of our community.
- About the environment.
- How to work with people.
- How to deal with schedule/transportation issues.
- I learned that you must balance hard work with comradery to maximize production and enjoyment.
- The real need/impact environmental work can have.
- The most important thing I've learned this summer is caring a lot more about the environment.
- How to deal with unexpected problems.
- How hard I can work when I set my mind to it.

Specific to your team's work, what experiences were entirely new to you?

- Basically everything except for weeding and dealing with hot weather.
- Weeding, mulching, upkeep on environmental work overall, and hedging bushes.
- Weeding and helping with schools.
- Concrete saw.
- Using power tools and planning large-scale projects.
- Working with power tools.
- Working with garden tools.
- Different tools, new projects, more heat.
- All the farm work – hoeing, skimming, etc.

What was important to you about your personal experience with E-Corps with summer? Please explain by sharing an event or story that involved you.

- Really enjoyed working with the young adults and listening to their daily topics of discussion. I really enjoyed being a mentor and teaching new skills to the crew which were applied to the work sites and a benefit to the schools we helped.
- Even though it's been hard work, I wouldn't have done anything else this summer. When Jerry (from Lassiter) was thanking us, I felt so proud of all our work. Also, when I think about the first time I saw Farnsley (and I wondered where their outdoor classroom was even though I was looking right at it) and the last time I saw Farnsley, I can't help but feel extremely proud of our work. There is such an amazing difference, and I know that that is due to myself and four other people. I had an amazing experience this summer and I and so glad I got this opportunity.
- Mine would be mulching, for instance at Farnsley we mulched a path that was like all together I think about 400 to 500 ft and it stands out. I like mulching because it makes a great difference at everything you do.
- At Farnsley it was only me and Jullian and Bryan and we had to gather up woodchips and spread them by 3 ft and we did it with only 2 people. It was awesome.
- To me, the entirety of the program was important. I can't pick a story or event to talk about. They were all important. I can however tell you of the moment that solidified its importance to me. When the teacher at Lassiter, Jerry, came to us almost in tears and told us how he was so thankful for us because he could now continue the environmental education program which had been responsible for 29 years. He had not been able to work it for the previous year due to a change in curriculum. And that we made it possible for his program to continue and be reinvigorated made all the summer toils worth it.
- The most important thing for me was working hard enough to ache at the end of the day. Digging post-holes was hard and slow work, and I almost felt like I wasted a day until I went home and began to feel that burn in my shoulders and forearms – then I knew I'd really done something.

- This summer I really saw how important it was to have people like us maintaining outdoor classrooms, and creating an interest to move Louisville into the future as a green city.
- What I found that was the most important to me in E-Corps was finishing and installing the tree benches. When we started I was very anxious about getting it done. When I finally finished it was great and it put a smile to my face. I don't remember a time I had built anything by hand and installed it.
- My most important learning experience of all was all the environmental education because it is something I can pass on.
- My last day with the food literacy project, I taught a lesson on baking bread. I educated some kids on where the flour comes from, what nutrients are in bread, and how to make it as together we kneaded flour and dough. As the kids ate their bread and home-made butter, they all said they wanted to go home and make bread again, and I could tell they'd loved my lesson and their trip to Oxmoor Farms. I felt proud of myself and happy I could make a small difference in so many kids' lives!

Work Crew Evaluations:

Outdoor Classroom Crew

Skills learned:

- Lassiter - garden pond maintenance, composting, pro's at weeding, vegetable garden care
- Farnsley – tree care, hedging
- Chenoweth – hedging, garden pond maintenance
- Foster – harvesting vegetables, pond care
- All schools – interviewing skills, leadership/communication, watering, weeding, mulching, different tools

Project Outcomes:

Spread 6 tons of gravel, 8 truckloads of compost, 8.5 truckloads of woodchips, amended/maintained 240 garden beds, maintained and/or created 4610 sq. ft. of garden pathways

Construction Crew

Skills learned:

- Rain Gardens at St. Peter Claver – native species, berms, grading soil, garden aesthetics/planning, planting, tool use: pickaxe, hoe, shovel, fire rake
- Engelhard – dirt-mixing, tool use: rebar, concrete saw, liquid nails,
- Tree Benches at J-Town – measuring, planning/design, lumber buying, cutting angles, concrete, frost-line, digging post-holes, polyurethane, interviewing, tool use: pinch-point bar, miter saw, screws, level, post-hole diggers
- Walkway at St. Peter Claver – sand and gravel foundation for pavers, laying and cutting pavers, grading, setting slopes for drainage, marking slopes with stakes

and string, concrete, back-filling soil, site clean-up, tool use: concrete saw, jack hammer, sight level

- Kennedy – angling nails, adjusting measurement, black plastic to keep out weeds under the walkway, mini-gate, tool use: staple gun, chicken wire, circular saw, bolts

Project Outcomes:

Created 2 rain gardens to divert storm water, finished 5 wheelchair accessible raised garden beds, constructed and installed 4 geometric tree benches around young trees, laid 100 linear feet of sidewalk, constructed a rabbit fence and raised beds, moved six tons of sidewalk pavers (TWICE), six tons of sand and 4 tons of gravel.

Farm Crew:

Skills learned:

- Working with kids – how to interact/engage kids, teaching farm and nutrition knowledge, specific lessons (planting seeds, making bread), how to answer questions with questions
- Mini-Garden – weeding, prepping beds, building beds, mulching, planting, hoeing, composting, skimming, watering, harvesting, bug removal, transplanting
- Farm – harvesting squash, green beans, tomatoes, removing potato bugs, weeding pigweed, filling CSA boxes, painting

Project Outcomes:

Taught lots of lessons to at least 15 groups of kids, aged 5-15; expanded the mini-garden by 100%, removed and replaced bed contents, maintained beds; helped ease farmers' work

Evaluations by:

Outdoor Classroom Crew:
Bryan Thompson, crew leader
Corey Shircliff
Jullian Guthrie
Jon Thompson

Construction Crew:

James Guthrie, crew leader
Kendall Dillard
Katie Harvey
Joe Weston
Pierre Azerot

Farm Crew:

Lia Saunders

Additional crew members absent day of evaluation: Chris Johnson (Outdoor Classroom), Patricia Hardesty (Farm)

Recommendations to maximize gains:

- accountability/organizing: project file for each project – pictures, notes, suggestions, successes and failures, tools needed each day, document accomplishment with numbers/anecdotes
- more volunteer days and incorporate school/neighborhood to increase involvement and ownership
- talk about tool and transportation needs for “tomorrow” at the end of each day
- larger farm crew and a crew leader that stays with the crew
- stay on top of journaling
- more team-building especially ropes courses, etc.

Successes:

- tremendous amount of work done
- bonding
- volunteer recognition
- excellent wrap-up and reflection
- keeping in touch weekly with alumni to record Americorps hours
- working and making an impact all over the city
- well distributed educational activities helped flesh out the picture of environmental issues in the city. Helped the students understand the broader importance of their work.
- incredible change in confidence of students to speak about environmental issues and make a difference

**YouthBuild Louisville – E-Corps
SEP Completion Report
September 1, 2007**

Detailed Description of SEP as Implemented

Since the award of the SEP grant from MSD in December 2006, YouthBuild Louisville staff and consultants have completed the conceptualization of a local conservation corps, connected over 20 community partner agencies, developed a long term sustainability plan and launched the program. After a successful summer launch, full-time staff were hired and the first fee for service contract was signed (see attached.)

Young Adult Development In Action, Inc., dba YouthBuildLouisville, has opened a Conservation Corps (E-Corps) in summer 2007. This new track for intensive environmental study is coupled with YBL's current education, job training, life-skills program model. Young adults, ages 17 to 24, participated for eight weeks during the summer of 2007, Monday through Friday in on-the-job training in environmental fields, job readiness, leadership development and life-skills training.

This summer job program launch of E-Corps served 12 young adults from all walks of life. Over the year following the summer program, these young people will continue to perform a total of 475 hours of community and environmental service work each to earn an AmeriCorps scholarship. An additional group of 10-12 youth are being recruited for a year round program starting in October 2007 which will be sustained through fee for service contracts. Activities the summer crew members were involved in include:

- training on local watershed and other environmental problems
- training on appropriate rain garden installation, gardening and pruning, mulching and planting
- American Canoe Certifications
- developing and installing demonstration rain gardens
- distribution of rain barrels
- community garden hardscape projects
- assistance in installation of handicapped assessable raised garden beds
- riparian enhancement
- invasive plant removal along the Ohio River bank
- erosion control
- planting projects
- maintenance of outdoor classrooms at local elementary and middle schools
- food literacy activities at a working organic farm serving inner city youth

The E-Corps members worked side by side with trained technicians, environmental group leaders and local government department employees. They sought to learn all aspects of

each project and provide manpower to complete the project(s). Having actual environmental projects for the E-Corps members to work on from beginning to end provided meaningful job skill training. The completed projects will help the members develop a strong environmental ethic and an increased sense of personal worth and competence.

Operational Problems Encountered and Solutions

E-Corps' operating problems were relatively minor and mostly a function of this being a first-time program. Transportation was difficult to organize with one van shared between two and sometimes three work crews at sites on opposite sides of the city. Long waits and long commutes could be cut either by renting 2 vehicles or arranging the crews to be working in nearby parts of town. Since E-Corps doesn't yet have a tool inventory, the Construction Crew had to borrow or buy tools for each job. A few of the construction projects suffered some delay from lack of organization on the part of the sponsors or waiting for the proper tools. For the next program, E-Corps needs to be more discerning about the projects it takes on, the crew leaders will have to be savvier to dealing with contingencies, and it should make a plan for establishing a tool inventory.

E-Corps/ Rain Garden
Budget Expenses

	MSD	In-kind
Income from MSD	45,000	
Expenses of SEP		
Staff Salaries	24,731	
Executive Director 25%FTE		13,250
Education Coor. 25%FTE		10,000
Counselor 25%		11,000
Project Manager 100%	17,928	882
Crew Leaders (2)	4,632	6,667
Benefits @21%	3,872	7,200
Student stipends	10,668	
Supplies and Equipment		
Truck, insurance and main.	6,498	6,000
Tools	2,599	2,000
Plants, soil, etc.	1,488	
Equipment rental	785	
Total	45,000	56,999

Certification that SEP has been Implemented

By signing this report, Lynn Rippy, Executive Director of YouthBuild Louisville, certifies that the project has been strictly implemented according to the SEP proposal written to MSD. The E-Corps project responds directly to the provisions of the consent decree and Exhibit A.

Description of Environmental/Public Health Benefits as Result of SEP Implementation

The community gained from trained, dedicated individuals who joined the environmental workforce ultimately accessing jobs and college programs. Their work enhanced urban green space, local community gardens, food literacy for inner city youth, outdoor classrooms experiences of over 4,660 elementary and middle school children this school year and tackle many of the critical ecological balance issues facing the Louisville community and the world in general.

Benefits are also outlined in the attached summary of the E-Corps program written from focus groups discussions and post program assessments of members.





MSD

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

December 13, 2005

Ms. Opal Davis Dawson
Mrs. Kaki Robinson
Kennedy Montessori Elementary School
3800 Gibson Lane
Louisville, KY 40211

Subject: MSD Consent Decree -- Supplemental Environmental Program

Dear Ms. Dawson and Mrs. Robinson,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Directors has accepted the proposal for the Kennedy Montessori Outdoor Classroom and are granting you \$5,000 (five thousand dollars) as part of the Environmental Education and Public Outreach SEP Outdoor Classroom requirement. The project must be completed by August 2007.

I have asked Phyllis Croce to work with you to oversee project details and annual summary budget reports. Please contact her at your earliest convenience, to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you and your staff on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Louisville and Jefferson County Metropolitan Sewer District

cc: Rebecca Bennett
Phyllis Croce



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

Dear Mr. Schardein,

The 550 students and the 24 classroom teachers at John F. Kennedy Montessori have truly benefited from the Supplemental Environmental Program grant. Our school is located in the West end and many of our students live in apartments and are not able to experience Nature directly. Not only has the campus been enhanced visually, but the students have been able to conduct many explorations on the grounds. We revamped our wetlands area that had been vandalized, planted gardens of native shrubs and plants in the front of the school and added plants to our existing gardens. In addition the money enabled us to purchase the large outdoor tables so that an entire classroom has a place to sit, work and write. The remaining money was used to support our student-run Earth Day's Fair for 2006 & 2007.

Our outdoor curriculum was used to supplement the County mandated Science Units. Donna Griffin from JCPS' Environmental Education staff with assistance from Kaki Robinson at Kennedy have created "School Yard Exploration and Discovery Guide". The staff piloted the program in the Fall of 2006. Our emphasis was to correlate the Core Content Guidelines in Science and Language Arts to the outdoor classroom. Because of the native plants that attract wildlife the students were able to discover examples of food chains, the life cycles of plants and animals, plant and animal defenses and the characteristics and the parts of a plant. Through hands on and real world experiences the students have a much more solid and in depth understanding of the Life Sciences. It was recommended (with concrete suggestions) that each activity be preceded with a literature lead-in and followed up by either reflective or creative writing or open-response questions. This enabled the students to approach the concepts both on an abstract and concrete level. Our relationship with MSD allowed us to get Phyllis Croce to lead valuable activities for our Nature Club. Our outdoor classroom was further enhanced by the addition of the three picnic tables. The students now have a place to sit as a group when the teacher is giving instructions as well as a place to sit to write down their data collection and reflections.

We had originally planned a rain garden, but we found out that our drains all are in the walls and go directly into the underground pipes. Instead we were able to find other valuable uses for native plants. A committee from the PTA was involved in the planning and planting the front area of the school. Phyllis Croce was instrumental in aiding us in selecting and placing the plants. The front has gone from nothing but a few dismal plants to an enticing entrance. On either side of the door there is a planting of oak leaf hydrangeas, winterberries interspersed with Joe-pye weed, wild geraniums, river oats grass and bottle brush grass. The plants attract and provide food for wildlife so a small ecological system is developing. The other plants have been placed in other school gardens. Our simulated prairie was in need of more grasses and flowers such as the cone flower. So we were able to fill in that as well as some spaces in our butterfly garden and wetlands. Our wetlands area had been disturbed by vandals. We were able to replace the liner, put down fresh gravel and new aquatic plants. The wetlands provides the students with the chance to explore a different kind of habitat. They can take water samples to analyze or find microscopic life as well as study the differences between aquatic and land plants. Our wetland pond is now ready for adding a solar powered pump which we hope to do in the Spring. The plants in all the areas give the students opportunities for studying the characteristics and growth needs of individual plants. The information gathered can be the

basis for developing and using a computer data base. The students can quantify and graph their information. Thus we have added Math and technology as extensions to the outdoor classroom.

All the classrooms have enjoyed the enhancements of the grounds and its possibilities as a springboard for and/or supplement to the science curriculum. The Nature Club of 32 students was able to use the grounds more extensively. They met once a week from 4:00-5:30 from Sept. to May. The students learned about care of plants, the benefits of using native plants, their place in the ecosystem and the necessity of healthy soil. They weeded, composted, cut back the plants in the Fall and early Spring and collected seeds. The seeds are saved for new plants as well as selling them at Field Day as a fund raiser.

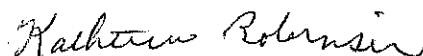
The Nature Club is responsible for creating and hosting an Earth Day Fair for the entire school each year. Some grant money was spent on getting Earth Day t-shirts for the students. They proudly wore them, so they were able to stand out on as they hosted their booths and as a group to lead the school wide "Pledge to the Earth". Last year's theme was Insects. Each group took a theme and researched it and presented it to the school. Some of the themes were beneficial insects, environmentally friendly pest management, insects and how they ate. In addition they researched beneficial insects and conducted a school wide survey for recommendation for a state insect. This past year the theme was 'energy'.

The students researched what energy is and its uses, ways to conserve energy, types of alternative energy and comparisons between a regular light bulb and a compact fluorescent one.

We are beginning to get recognition for our outdoor classroom in part thanks to our pond/wetlands renovation and Native Plants and Nature Club. The summer an inservice was offered to the teachers at JCPS and pre-service teachers. Five schools were visited and Kennedy was one of those chosen to be on the tour. The International Crane Foundation has started a new program that is intended to create an exchange between Chinese and Russian students regarding conservation efforts especially in relationship to saving the cranes. The 4th grade class at Kennedy's conservation efforts are documented on Journey North's web site www.learner.org/jnorth/tm/crane/Teachers_Index.html. The ICF is requesting pictures of our gardens and summary of our activities to share with their students in Russia and China. Our Nature Club will be featured with Mrs. Trout's class on their web site.

My reaction to the grant is one of extreme gratitude that we can continue our work of developing a sense of wonder, a love of and an understanding of Nature and hopefully as a consequence engendering a strong environmental ethic in our future citizens. The hands-on experience of the outdoors gives the student "a compelling image that will serve in later life as a talisman, transmitting a powerful energy that directs the growth of experience and knowledge." (Edward O. Wilson 1994 Naturalist)

Sincerely,



cc. Phyllis Croce

Budget

Liner for pond	\$300
Gravel for pond	\$400
Gravel for paths	\$600
Shooting Star for plants	\$700
Picnic tables(installed)	\$900
Earthday T-shirts (2206,2007)	\$500
Monarch Larvae	\$300
Plants for wetlands	\$200
Wood for hardscape	\$400
Mulch	\$300
Tools	\$200
Misc.(seeds, pots, potting soil)	\$200
Total	\$5000



MSD

Louisville and Jefferson County Metropolitan Sewer District

DATE: December 15, 2007
TO: Gary Swanson
FROM: Phyllis Croce
SUBJECT: EPA Annual Report Farnsley Moreman Outdoor Classroom

The Farnsley Middle School Outdoor Classroom started planning for an outdoor classroom July 2006 as the result of an Earth Partnership Workshop involving technical support from Metro Parks, MSD and Jefferson County Public Schools (JCPS). The Outdoor Classroom development process used the ecological landscape restoration process and inquiry-based learning to teach students concepts across multiple disciplines. MSD served as project manager for hardscape construction and landscape installation and maintenance. Completed over the summer, the Outdoor Classroom has a council ring, native grass and wildflower meadow, plant identification study plots, and areas for students to work outside. MSD

Budget

\$4,906.00	Woody Warehouse for native trees and shrubs
\$2,226.00	Dropseed Nursery for native seed, plugs, installation
\$43,900.00	Keystone Restoration for Council Ring construction and boulder placement
\$46,175.60	Total





MSD

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

June 21, 2006

Ms. Jane Eller
2107 Capital Place Tower
Frankfort, KY
40601

Subject: MSD Consent Decree Supplemental Environmental Program

Dear Ms. Eller ,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has reviewed your program and has authorized the funding of \$50,000 as part of the Environmental Education and Public Outreach SEP requirement for Environmental Certification Program for Non-formal Educators. As part of the funding, you will continue to develop environmental educational certification throughout the Commonwealth. It is my hope that you will continue to find ways to support non-formal educators from the Louisville area. The project dollars must be spent by August 2010.

I have asked Phyllis Croce to work with you to oversee project details and the required annual financial reports. Annual reports will be required. Please contact her at your convenience to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.



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www.louisvillegreen.com*

SEP Report
Kentucky Environmental Education Council
January 14, 2007

Submitted by Jane Eller, Executive Director, KEEC

Description of Program: SEP monies provided to the Kentucky Environmental Education Council were designated to support the Kentucky Environmental Education Certification Program. The certification program is one of only three standards-based certification programs in the U.S. and has just completed its third year. The program is designed around the North American Association for Environmental Education's *Guidelines for the Preparation and Professional Development of Environmental Educators*. The program is rigorous and includes numerous assessments.

Very briefly, the content and structure of the courses cover all the national standards in a hands-on format. The program consists of four three-day workshops, an independent study and a number of assessments. The first two workshops cover environmental literacy, including the interdependence of human and natural systems and the skills for applying knowledge to improve the environment. These workshops culminate with a written exam and a debate on current Kentucky environmental topics.

The independent study covers the history and philosophy of EE and consists of thirteen readings. Students are asked to write a series of very brief essays, applying each reading to their own work.

The final two workshops cover instructional strategies including brain structure, learning styles and diverse instructional techniques, as well as evaluation strategies and how to use evaluation to improve instruction. The assessment for these workshops (and actually the entire course) is a unit of study that participants can actually use with students.

During the months since KEEC received funding from MSD, those funds have supported the following activities within the certification program.

- Instructor fees: Instructors for the course include two past presidents of NAAEE, two science education professors (from NKU and EKU) and the director of education from the Louisville Zoo. Instruction for the course models best practices in EE and is therefore hands-on and time intensive. Therefore, at least two instructors teach each of the four workshops.
- Materials: The last two workshops of the program cover instructional strategies, learning styles and evaluations. Therefore we provided materials for each participant that cover such areas as brain structure and learning, and how to evaluate EE materials for balance and accuracy.
- Scholarships: Cost per student for the certification program is approximately \$3,500 including administration of the program, instructors' fees, materials and room and board to attend the workshops. KEEC covers all costs except room and board for the participants and a \$50 registration fee. Participants must cover

these costs which run about \$800-\$1,000 depending on how far participants must travel. Those participants who do not have employers to cover their costs often are unable to attend. Therefore the KEEC tries to provide at least three scholarships a year. Classes have averaged 20-25 participants.

Problem and Solution: Because the program is so new and Kentucky is one of the first states to implement such a program, it is in some ways a work in progress. Therefore, each year we provide several opportunities for participants to give us feedback and ideas on how to improve the program. This year, (as in the past two years) it has been difficult for participants to complete their 13 reading assignments in a timely way. Conversely, instructors are not always as efficient in getting those assignments graded and returned as they could be.

This was even more of a problem this year than in past years. Therefore, the 2006 class suggested the readings course be changed so that they had a set of readings before each workshop and a time to discuss those readings as a class during the workshop. Then, at the end of the readings course, they could write one longer essay describing what they had learned in the readings course and applying it to their own work. Instructors thought this was a good suggestion and it will be presented (and probably instituted) when the Kentucky EE Certification Task Force meets in February for the annual review of the program.

Environmental Impact: As with all education, the impacts of the certification program may be years down the road. This is especially true with programs that train instructors rather than providing direct training to students. However, we believe the Kentucky EE Certification Program (and the many similar programs which are now in developmental stages in other states) have profound implications for the general state of environmental literacy in Kentucky and the U.S.

For decades, EE has been a journeyman's profession. Very, very few people were actually trained to teach about the environment. Instead, K-12 teachers, employees of government environmental agencies, nonprofits, etc. etc. did their best to provide information and skills to both children and adults, often with a limited background to do so. For example, biology teachers seldom have the social science background to teach students how to use knowledge to improve the environment; forest rangers seldom have any training in instruction or learning styles. This led to a scenario where many people taught from their hearts, rather than from a strong knowledge or pedagogical base.

The Kentucky program is the one of the very first nationally to provide the broad spectrum of what nonformal educators need to know to provide the best instruction possible about the environment. (Kentucky has a similar program for K-12 teachers). Graduates of the program should have an understanding of the interrelationships of human and natural systems; how to use knowledge to improve the environment; various learning styles; how to construct instruction to meet the needs of diverse learners; and the use of evaluation to improve instruction and overall program quality.

Costs: Since we did not receive SEP funds until well past the middle of 2006, only a portion of the funds were used on the certification program this past year. We anticipate the remainder of the funds will be used for the program in 2007 and 2008.

To date, SEP funds from MSD have been used in the following ways.

\$7,300 for instruction and for instructor travel

\$2,000 for scholarships

\$800 for materials for participants

\$10,000 total

December 11th, 2006

Bennett Knox, Parks Manager
Louisville Metro Parks – Natural Areas Region
P.O. Box 467
Fairdale, KY 40118

Phyllis Croce, Landscape Restoration Specialist
Louisville Metropolitan Sewer District
700 West Liberty Street
Louisville, KY 40203

RE: SEP Report – LJCET Monitoring Position

Ms. Croce,

Please find below the SEP report related to the \$50,000 SEP for a conservation easement monitoring position associated with the Louisville/Jefferson County Environmental Trust and Louisville Metro Parks Department. The SEP money served as seed money in the establishment of this position with the remaining funding to be provided by Louisville Metro. As of June 31, 2008, Metro Parks will begin fully funding this position. A portion of the duties of this position is to perform baseline inventory and periodic monitoring and reporting for properties protected by conservation easements held by the Louisville/Jefferson County Environmental Trust. In addition, the position is responsible for supervising land management activities within Metro Parks' natural areas.

Metro Parks received \$50,000 from MSD for the position in January 2006 and initiated a candidate search process shortly thereafter. In August of 2006, an individual was hired into this position with the title of Landscaping Supervisor II and attached to the Natural Areas Division of Metro Parks. This individual has been instrumental in documenting baseline conditions for a number of properties in order to establish easement protection on new properties or demonstrate compliance with existing deed restrictions on previously protected properties.

Please feel free to contact me if you should have any additional questions or require any additional information.

Sincerely,

Bennett Knox, Parks Administrator



JEFFERSON COUNTY SOIL AND WATER CONSERVATION DISTRICT

Chrysler Building, Suite 100-A, 4233 Bardstown Road, Louisville, KY 40218-3280

Phone (502) 499-1900 Fax (502) 499-1748

November 14, 2005

Ms. Phyllis Croce
Landscape Restoration Specialist
Metropolitan Sewer District
700 W. Liberty Street
Louisville, KY 40202

Dear Ms. Croce:

On behalf of the Jefferson County Soil and Water Conservation District Board, I am presenting to you and the MSD Board, a request for consideration of funding for a Watershed/Environmental Education initiative. The Soil and Water Conservation District has a long history of working in the community on projects of natural resource concerns. Our proposal seeks to help our community accomplish three major goals: (1) raise the level of awareness of the water quality concerns of our community (2) help people, including students, to better understand the underlying reasons for water quality impairments and (3) communicate the need for individual citizens to become proactive on their own properties in addressing water quality concerns.

We have staff already in place to assist with this initiative. This funding will not only direct the activities specifically toward these goals, but it will also insure that the staff remains in place to carry on this, as well as other conservation and natural resource related activities of an educational nature. If additional information is required in support of this request, please feel free to contact our office through Kurt Mason, District Conservationist or Joy Edwards our Administrative Secretary.

Sincerely,
Jefferson County SWCD

John H. Colliver, Vice-Chairman
Board of Supervisors

1 Enclosure:
SEP EE Grant Funding Request

Copy furnished: (w/enclosure)
Kurt D. Mason, USDA-NRCS
Joy Edwards, Jefferson County SWCD



JEFFERSON COUNTY SOIL & WATER CONSERVATION DISTRICT

Chrysler Building, Suite 100-A, 4233 Bardstown Road, Louisville, KY 40218-3280

Phone (502) 499-1900 Fax (502) 499-1748

JEFFERSON COUNTY SOIL AND WATER CONSERVATION DISTRICT WATERSHED EDUCATION SUPPORT

OVERVIEW/HISTORY

The Jefferson County Soil and Water Conservation District (SWCD) has been conducting broad-based natural resource education and outreach in Jefferson County/Louisville Metro since the early 1980's. In January of 2001, a full time educator was brought on staff to assist the SWCD in its mission of helping the community to better understand its natural resources and prepare them to make better decisions concerning the wise use and management of these renewable or slowly-renewable natural resources. Emphasis has been given to helping the community understand more about our surface water quality challenges through watershed education and by understanding how we can best bring about changes in water quality through our actions in the watersheds. Our continued programming successes with schools in the JCPS and Louisville Archdiocese systems as well as private groups including the Lincoln Foundation, Highlands Ministries and scout organizations all point to the broad spectrum of people who can be reached when opportunities are made available. Utilizing partnerships and a unique relationship we have with the USDA Natural Resources Conservation Service has afforded us the opportunity to use more resources to aid in our efforts to extend watershed/water quality education to our community.

EXISTING PROGRAM DELIVERY

The SWCD has developed watershed based environmental education programs which are delivered to schools and community groups that help tie together the science, awareness and understanding of water quality. Aimed primarily at the Beargrass Creek Watershed, over the past four years more than 15,000 students, including their teachers, have been exposed to hands-on demonstrations, workshops, watershed studies, water quality testing and stream studies as a result of this programming. With this information tied directly to classroom studies specifically by grade levels, this approach has directly contributed to greater student awareness and learning, as indicated by annual testing scores. More knowledgeable students will equate into hopefully more knowledgeable young adults and adults more willing to take a positive and proactive approach to helping address the community's water quality concerns.

FUNDING NEEDS IDENTIFIED

The past two years, funding to the Jefferson County Soil and Water Conservation District was reduced by the Kentucky Division of Conservation for the watershed education and water quality programming. Further reductions in funding are anticipated in FY-06 and subsequent years. The reduced funding decreases the capability of the SWCD to deliver educational and outreach services to schools and community groups. The instructional programs offered to schools and community groups include the use of printed materials, testing consumables, travel, equipment and personnel resources. As the funding support diminishes, the ability to deliver these tangible services will also be diminished. In order to maintain a delivery support system, restored funding for the educational/outreach position is needed.



JEFFERSON COUNTY SOIL AND WATER CONSERVATION DISTRICT
Chrysler Building, Suite 100-A, 4233 Bardstown Road, Louisville, KY 40218-3280
Phone (502) 499-1900 Fax (502) 499-1748

WATERSHED EDUCATION SUPPORT (CONTINUED)

FUNDING REQUEST

The grant request of \$50,000 over a two year period will allow the continued delivery of watershed education with a focus on water quality programming to schools and community groups. The funds will be used to support the delivery of services and educational components of the SWCD's mission, including the use of materials and supplies (technical materials, replenishing testing supplies, purchase of equipment, hand held investigative stream monitoring tools that support the school based natural resource studies). Although all major watersheds will be afforded opportunities to utilize the educational assistance programs, a special outreach effort will be made to insure the underserved watersheds of southwest Jefferson County are made aware of these opportunities and that their requests receive a high priority. This grant may also be used to leverage other grant opportunities that can further watershed education in the community. The funding will not only provide the mechanism to deliver programs and services, but will also allow for the development of curriculum that will support teachers in their efforts to integrate watershed education and water quality studies into their classroom activities.

By developing curriculum, supported by teacher training, watershed education becomes an integral part of the learning process. The SWCD board will establish an advisory committee which includes elementary educators, to help guide the process of curriculum development. In order to insure that the curriculum meets a standard acceptable for use by teachers, the services of professional educator(s) will be used in addition to SWCD staff.

TWO YEAR BUDGET - \$50,000

Elementary Watershed Education Curriculum Development, Printing & Teacher Training Workshops	\$15,000
Water Quality Testing Equipment	\$ 2,500
Adult & School Programs and Delivery	\$32,500
TOTAL	\$50,000



MSD

Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
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December 13, 2005

Mr. John H. Colliver, Vice-Chair
Jefferson County Soil and Water Conservation District
Chrysler Building, Suite 100-A
4233 Bardstown Road
Louisville, KY 40218-3280

Subject: MSD Consent Decree - Supplemental Environmental Program

Dear Mr. Colliver:

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has reviewed and accepted your proposal for watershed education and have authorized the funding of \$50,000 as part of the Environmental Education and Public Outreach SEP Watershed Focused Environmental Group requirement to be used for developing a curriculum for targeting watershed education at the elementary grade level. As part of the grant, you will also develop similar outreach programs for adults and groups in the Beargrass Creek Watershed. This project must be completed by August 2008.

I have asked Phyllis Croce to work with Kurt Mason, District Conservationist to oversee project details and annual reports. Please have Mr. Mason contact her to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H.J. Schardein, Jr.
Executive Director

cc: Rebecca Bennett
Phyllis Croce
Kurt Mason/Cheryl Bersaglia



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JEFFERSON COUNTY SOIL & WATER CONSERVATION DISTRICT

Chrysler Building, Suite 100-A, 4233 Bardstown Road, Louisville, KY 40218-3280

Phone (502) 499-1900 Fax (502) 499-1748

December 18, 2007

Brian Bingham, Director
Regulatory Management Services
Metropolitan Sewer District
700 W. Liberty
Louisville, KY 40202-1911

Dear Mr. Bingham,

In accordance with the SEP Grant agreement, I am providing you with a detailed update of education activities and expenditures for the SEP funds distributed to the District in the spring of 2006. These funds were used to provide watershed education to adults and children and to develop a watershed curriculum for elementary students.

Though water quality and nonpoint source pollution education have always been at the forefront of our classroom programs, a three hour program was developed to take school children to Beargrass Creek for streamwalks and other water related activities. However, we found that school funding for field trips was limited. Therefore some SEP funds were used to provide transportation to take children to Beargrass Creek for our streamwalk programs. Many of these children had never been to a creek, much less to Beargrass Creek. The streamwalks were highly successful in gaining student understanding of watersheds, water quality and the impact of pollution on human health.

Since April of 2006, Jefferson County SWCD has provided a total of 102 "Beargrass Creek specific" water quality programs and events to 11,030 adults and children. These programs include, but were not limited to, topics on nonpoint source pollution, groundwater, erosion, aquatic biology/ecology, water cycle, wetlands, stream studies, and streamwalks. Programs were repeatedly delivered to 13 elementary schools, 6 middle schools, 3 high schools, 11 homeschool groups, 6 camps, 4 field days, 7 public events, 7 scout/other groups, and 3 teacher/instructor professional development programs, for a total of 60 various venues. Thirty of these programs were on site explorations and investigations of Beargrass Creek at Cherokee Park and/or Butchertown Park for which grant funds were expended for materials, supplies and all bus transportation of students.

During this time frame, "Beargrass Creek Water Quality" curriculum was developed for elementary students. It was originally thought that this curriculum would be used in public schools. However, the curriculum for Jefferson County Public Schools has changed to include the use of modules in the classroom, which does not allow time for our curriculum. Therefore, I am currently making contact with private school teachers to test and review the curriculum before publication and distribution to teachers.

All of the programs provided during the grant period increased awareness of nonpoint source pollution and its affect on the watershed and public health. These programs also provided simple actions that citizens of any age level could do to decrease the negative human impacts to the water quality of Beargrass Creek and improve public health.

It is my hope that this information is sufficient for your reports. Please do not hesitate to contact me concerning any further questions you may have.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cheryl Bersaglia".

Cheryl Bersaglia, Program Coordinator

cc: Joy Edwards
Kurt Mason



MSD

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

March 22, 2006

Mr. Chad Pregracke & Ms. Tammy Becker
Living Lands and Waters
17624 Rt. 84 N
East Moline, IL 61244

Subject: MSD Consent Decree Supplemental Environmental Program

Dear Chad and Tammy,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has reviewed your organization's watershed education initiatives and has authorized the funding of \$50,000 as part of the Environmental Education and Public Outreach SEP Watershed Focused Environmental Groups requirement. As part of the grant, you will continue to develop educational outreach programs for adults and children about your organization and the water quality of our nation's rivers and streams. The project dollars must be spent by August 2011. In addition, we look forward to working with you on possible riparian restoration projects within the Ohio River and Beargrass Creek watersheds.

I have asked Phyllis Croce to work with you and your staff to oversee project details and the required annual financial reports. Please contact her at your convenience to review the project budget, schedule and implementation.

Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.



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

July 9, 2007

Mr. Chad Pregracke & Ms. Tammy Becker
Living Lands and Waters
17624 Rt. 84 N
East Moline, IL 61244

Subject: MSD Consent Decree Supplemental Environmental Program

Dear Chad and Tammy,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has reviewed your organization's watershed education initiatives and has authorized the additional funding of \$100,000 as part of the Environmental Education and Public Outreach SEP Watershed Focused Environmental Groups requirement. As part of this funding, you will continue to develop educational outreach programs for adults and children about your organization and the water quality of our nation's rivers and streams. The project dollars must be spent by August 2011. In addition, we look forward to working with you on possible riparian restoration projects within the Ohio River and Beargrass Creek watersheds.

I have asked Phyllis Croce to work with you and your staff to oversee project details and the required annual financial reports. Please contact her at your convenience to review the project budget, schedule and implementation.

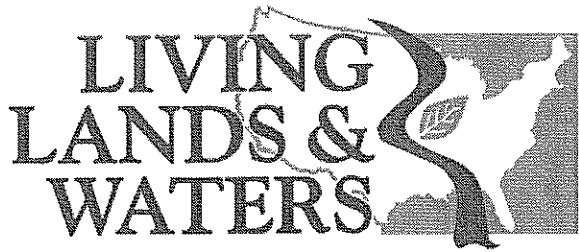
Again congratulations. MSD looks forward to working with you on this important community endeavor.

Sincerely,

H. J. Schardein, Jr.
Executive Director



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WATERSHED EDUCATION 2006 PROJECT REPORT

Overview of Project

Living Lands & Waters (LL&W), a 501 (c)3 non-profit organization based in East Moline, Illinois, hosted a series of watershed education events throughout the month of March 2006 in the Louisville metropolitan area to:

- aid in the protection, preservation and restoration of the natural environment of the Ohio River watershed in the Louisville area;
- expand awareness of environmental issues encompassing the Louisville area watershed;
- create a desire and an opportunity for Louisville residents to become responsible stewards of their local river environment.

LL&W accomplished this through two main programs, Community-Based River Cleanups and Big River Educational Workshops, as well as several community outreach and media events. Through the primary projects, LL&W worked directly with nearly 400 Louisville residents. Community presentations, press conferences, and media coverage also allowed the mission of LL&W's Watershed Education Project to be seen and heard by countless members of the metropolitan community.

Program Details

Community-Based River Cleanups-

LL&W hosted several community-based river cleanups throughout the month of March 2006. These cleanups took place along the Ohio River as well as three of her tributaries: Bear Grass Creek, Harrod's Creek, and the Salt River (Please see attached schedule for specific dates). Two hundred, thirteen volunteers came out to assist throughout the month, including several college students as part of an "alternative spring break" program.

At each cleanup, volunteers boarded a LL&W work boat and were driven to a predetermined work site. From there, they collected garbage (barrels, appliances, pop bottles, tires, propane tanks, etc.) and place into piles along the shore. After cleaning up, all volunteers were treated to lunch. When lunch was over, the LL&W crew then picked up all piles of garbage, loaded them into the boat and then unloaded onto the barge to sort for recycling.

Nearly every day of the month, the LL&W crew was out cleaning—even when there were no volunteers. Throughout LL&W's time in Louisville, an estimated 15-20 tons of refuse were removed from shorelines and islands of the Ohio River watershed.

Big River Educational Workshops-

The Big River Educational Workshops were one-day events hosted by LL&W aboard our floating classroom, garbage barges and large aluminum plate boats. Targeting middle to high school science and social science teachers, these events taught participants about the varied dynamics of the Ohio River and the impacts to the Ohio River Watershed. Topics covered at the workshops focused on five major areas: the river as a natural resource, watershed and impacts to the system (emphasizing non-point source pollution), commercial and recreational uses of the river, the water use cycle, and river stewardship. Guest speakers from local, state, and federal agencies, including Louisville Metropolitan Sewer District, Kentucky Department of Natural Resources, US Fish and Wildlife Service, US Army Corps of Engineers, university professors, and LL&W staff presented on these topics. Demonstrations of classroom activities and boat trips on the river to visit various points of interest such as Bear Grass Creek, CSOs (combined sewer overflows), and the Louisville lock and dam took place at each workshop.

When LL&W decided to host Big River Educational Workshops in Louisville, we thought that two events would be adequate, given the time of year, and because LL&W was new to the area and no one was familiar with our work. However, when the workshops were marketed to the local schools, three more dates were quickly added due to the immense demand. (Please see the enclosed 2006 schedule for specific dates.)

152 local teachers attended the free workshops. All who participated also received a free river curriculum manual with lessons and activities to incorporate aspects of, and issues regarding, the Ohio River into the classroom.

Community Outreach-

To further increase awareness of the issues confronting the Ohio River watershed among the Louisville community and to solicit volunteers to participate in the projects of LL&W, LL&W and partners held various community outreach events.

First, press releases announcing the arrival of LL&W to Louisville, highlighting the upcoming projects, were sent out. Throughout the month, several media outlets, both television and print, ran stories on LL&W's watershed education projects that were going on in Louisville.

LL&W's founder, Chad Pregracke, also spoke to the local Sierra Club chapter to encourage their support and participation in the month of events.

Lastly, near the end of the month, a press conference was held to highlight the results of the cleanups and workshops. The Mayor of Louisville, the President of the University of Louisville, and Chad Pregracke all spoke of the work that was accomplished and applauded the citizens and community partners that came out to assist in the efforts. The barges of garbage that was collected throughout the month were moved to the Louisville waterfront so the image of barges of garbage could be captured by the media.

Partners

To ensure success and the greatest impact, LL&W partnered with several long-standing Louisville organizations, city and state agencies, and coalitions.

Specific partners included:

- The Partnership for a Green City (this coalition includes three of Louisville's largest entities: Jefferson County Public School System, the University of Louisville, Louisville Metro Government)
- The Louisville Nature Center
- Riverfields
- Kentucky State Nature Preserves Commission
- Louisville Rowing Club
- Louisville Sierra Club Chapter
- Kentucky Waterways Alliance
- The Louisville Development Corporation
- Lincoln Heritage Council

Each of these partners contributed in-kind staff and/or resources to LL&W's programs.

Challenges & Solutions

The biggest challenge that LL&W faced while implementing the cleanup and workshop events was rising river levels. This quick and significant increase led to several challenges including:

- forcing LL&W to relocate the barges and floating classroom from the Louisville Riverfront to avoid floating onto the paved riverfront
- as a result of relocating the barges, LL&W had to ensure that all participants were aware of new locations and meeting points
- finding accessible cleanup locations that were not flooded
- finding garbage that was not completely submerged

As a solution to the high water issue, LL&W moved their barges to a safer location in a barge fleet up river that could fluctuate with the varying river levels. Because of the new location of the barge, LL&W had to email and call each participant on short notice to inform them of new meeting locations and provide new driving directions. When performing cleanups, LL&W had to scout for garbage on high islands or levees that were safe and easily accessible by boat.

Environmental and Public Health Benefits

Community-Based River Cleanups-

Garbage that enters the waterway by undefined users is a prevalent non-point source pollutant. In addition to dramatically reducing the aesthetics of these natural areas, many items removed from the river system are harmful to the entire ecosystem, adversely affecting the health and habitat of plants, fish, wildlife, and human beings. Items such as refrigerators containing Freon, 55-gallon barrels containing mysterious liquids and chemicals, batteries, propane tanks, oil cans, plastic six-pack slings, fishing line, etc. are picked up by the LL&W

crew and thousands of volunteers, freeing the river of potentially hazardous materials.

About 50% of those items collected at cleanups are recycled, saving energy costs and resources. Had these items not been recycled, they would have ended up in a local landfill.

Furthermore, getting people out on the river, in a boat, is a memorable experience. From that day on, they have a deeper connection to the river than before. By taking a stance and helping to clean up the river, these same citizens will be more inclined to participate in other stewardship events.

Big River Educational Workshops-

These workshops create a consciousness among the educators that attend about how amazing the Ohio River is, as well as the issues that confront its health. Participants understand how the health of the river affects the health of all those living things that inhabit near the river.

It is the ultimate goal of the Big River Educational Workshops to have each teacher who attends bring back the message of river conservation to their students in the classroom. If this happens, we estimate that approximately 9,000 students in the Louisville area will become more sensitive to the needs of the Ohio River as a result of our workshops, and will be motivated to take care of the river well into the future.

Budget

The enclosed budget details the expenditures incurred through program expenses and general operating costs at a daily rate from LL&W's arrival into Louisville on February 28th, 2006, through their departure on March 26th, 2006.



MSD

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

January 17, 2006

Mr. David Karem
President/Executive Director
Louisville Waterfront Development Corporation
129 East River Road
Louisville, KY 40202

Dear Mr. Karem,

As part of the requirements for the Consent Decree associated with alleged unauthorized discharges from the Combined and Separate Sewer Systems, the Louisville and Jefferson County Metropolitan Sewer District proposed Supplemental Environmental Projects (SEPs).

It is my pleasure to notify you that the MSD Executive Staff has accepted your proposal for the Bicycle and Pedestrian Connections along the K & I Railroad Bridge and Metro Park system. As part of the Environmental Education and Public Outreach SEP requirement, MSD is granting the Waterfront Development Corporation \$100,000 for the K & I Railroad Bridge project. It must be completed by February 2007.

I have asked Phyllis Croce to work with you to oversee project details and annual summary budget reports. She is in process of transferring the project funding to your organization. Please contact her directly at 540.6456 with any questions.

Again congratulations. MSD looks forward to working with you and your staff in this important community endeavor.

Sincerely,

H.J. Schardein, Jr.
Executive Director

cc: Rebecca Bennett
Phyllis Croce



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- i. The Supplemental Environmental Project is a master planned project in progress that will ultimately be a continuous nine mile pedestrian and bicycle loop linking Louisville Kentucky and Southern Indiana Communities via the Big 4 Bridge and the K&I Bridge, known as the Kentuckiana River Trail (Trail). Virtually the entire Trail exists in one form or another with the Waterfront Park, Louisville RiverWalk and the Ohio River Greenway Project. In January 2007, an engineering study of the existing RiverWalk was completed that provides an update on current conditions of the existing multi-use path and recommendations about upgrades needed to accommodate pedestrians and bicyclists. Accessibility, Lighting and Maintenance have been identified as key issues.
- ii. The primary operational problem encountered by Louisville Metro was a detailed study needed to integrate the Louisville RiverWalk as the entrance to the K&I Bridge. This required a detailed analysis of the existing conditions of the RiverWalk together with an evaluation of how to make it fully integrate into the Trail. A grant from Louisville Metro allowed the Waterfront Development Corporation to hire Construction Solutions to conduct and prepare such an evaluation. This work has now been completed but was not done in a time frame to meet the initial request by the Metropolitan Sewer District. Waterfront Development Corporation is now in a position to move forward on needed modifications to the Louisville RiverWalk.
- iii. The itemized costs are as follows:
 - a. Priority #1 - Additional Lighting & Relocation of Existing Street Lights is estimated to cost \$40,500.
 - b. Priority #2 - Demolition of Existing Switchback Ramp and Construction of a new Ramp is estimated to be \$92,500.
 - c. Priority #3 - Establishing a new river's edge and asphalt repairs to the RiverWalk in between 10th Street and 13th Street is estimated to be \$72,000
- iv. The Waterfront Development Corporation will commence work immediately on the priorities and provide certification to the Metropolitan Sewer District that the portion of the SEP pertaining to the K& I Bridge and its access has been completed as soon as practical.
- v. The Trail is a 9 mile pedestrian/ bicycle loop that will encourage healthful physical activity, provide safe accommodation, and enhance aesthetic routing and design. It will also encourage the use of bicycles as a viable transportation and recreation option. The project will provide a valuable link for non-motorized travel in the Louisville Metro Area, connecting residential, commercial, historic, educational development and recreational areas. It will also enhance the view and experience for the bicycle and pedestrian traveling public by providing streetscape improvements, landscaping, lighting, utility relocation, native plants, roadside vegetation management, and the planning, design and construction of these activities.

- Environmental Education Certification – Continue support for this existing program. **(\$50,000) Monies are to be spent no later than five (5) years from the date of this decree.**
- Watershed Focused Environmental Groups – Provide funding to assist these groups with environmental education and public outreach activities. Providing water quality data interpretation for these groups and the general public. **(\$250,000) Monies are to be spent no later than five (5) years from the date of this decree.**
- Bicycle and Pedway Connections along K&I Railroad Bridge and Metro Park System. **(\$100,000) This is to be performed no later than eighteen (18) months from the date of this decree. This date is subject to approval of the Waterfront Commission.**