# 2003-2013 Sanitary Sewer Overflow Evaluation Report Including Building Backups and Trend Analysis

Submitted to EPA on April 29, 2014

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.

Debbie G. Ailey

Date





## **Executive Summary**

## 2003-2013 SSOER, Including Building Backups

The Sanitary Sewer Overflow Evaluation Report (SSOER) is an assessment tool KUB uses as part of its ongoing Collection System Improvement Program (CSIP). The 2003-2013 SSOER is an evaluation of the sanitary sewer overflows (SSOs), including building backups, that occurred between January 2003 and December 2013. The report analyzes the specific causes of each overflow or building backup and categorizes them as requiring short- or long-term corrective measures, or both. The SSOs and building backups are included in separate spreadsheets. Locations of all SSOs and building backups where there has not been a recurrence during the previous three years (since 2009) have been removed from the lists but remain a part of the Gravity Line Preventive Maintenance Program. These locations are included on the "SSOs to be deleted" and "BBUs to be deleted" spreadsheets. This trend analysis goes back to 2003 to represent progress made since the beginning of PACE 10. However, the "2003-2013 SSOER with Building Backups" spreadsheets still include events that occurred in 2002 unless they were removed for not having a recurrence during the previous three years.

Overall, there has been a 77.5 percent decrease in the number of wet-weather SSOs, including building backups, and a 59.9 percent decrease in dry-weather overflows in our collection system compared to 2003 (as shown in Figure 3). This decrease in total events can be attributed to a significant amount of rehabilitation or replacement (251 miles) of sewer main and the completion of over 238 projects, including six wet-weather storage tanks with 34 million gallons of total storage, all completed since the beginning of PACE 10. CSSAP, which is a systematic evaluation of the entire wastewater collection and transmission system, is also ahead of schedule to finish all assessments within one complete cycle period (by 2016). This assessment information continues to help identify and proactively address system needs to prevent SSOs.

The trend in SSO occurrence from year to year has also been influenced by rainfall and weather conditions. In fact, the trend in wet-weather overflows since 2009 can be attributed to the increased frequency of rainfall events with rainfall totals and/or intensities that were record setting at times. Continuous wet weather creates saturated ground conditions, which is also known as high antecedent moisture conditions. Antecedent moisture conditions result in more flooding and run off during rainfall events. When this occurs, a significant portion of the rainfall can enter the collection system as inflow or infiltration in areas that have not undergone rehabilitation yet, creating the potential for more wet-weather SSOs and building backups. Approximately 94 percent of the 50 wet-weather overflows in 2013 occurred during months of the year when saturated ground conditions increased the possibility for inflow. According to the National Weather Service (NWS), the Knoxville area received 69.35 inches of rain in 2013, which is 21.49 inches above normal. The NWS precipitation records, collected for Knoxville since 1871, rank 2013 in second place for all time high record amounts of precipitation. In fact, annual average rainfall totals for Knoxville were reached by July. January recorded the most precipitation, followed by June with the second highest rainfall totals. Above average rainfall amounts and intensities produced 30 wet-weather overflows in January and February and 17 wet-weather overflows in June and July.

KUB's wastewater storage facilities at Lower First Creek, Upper First Creek, Second Creek, Lower Third Creek, Upper Third Creek, and Walker Springs operated a combined total of 83 times in 2013 (an average of about 14 times each), containing over 177.4 million gallons of wastewater. The storage tanks allow KUB to store excess wastewater to prevent sanitary sewer overflows resulting

from peak wet-weather flows, meet requirements related to the Consent Decree (CD), and protect the environment.

There has also been a 90 percent decrease in building backups compared to 2003, which can be attributed to system rehabilitation efforts and the success of the Private Lateral Program.

As required by the CD, the SSOER and building backup summaries are sorted by chronological occurrence and also by the basin number and street address. The type of sort is noted on the footer of each spreadsheet. The information entered under the Long-Term Capital Project and Short-Term Controls Blockage Abatement (BA) columns includes the status of the resolution as of the report year.

## Key to the "2003-2013 SSOER with Building Backups" spreadsheet headings for SSOs

- 1. Date: Date the overflow was discovered by/or reported to KUB.
- 2. Street #: The street number of the location where the overflow occurred.
- **3. Street:** The street name where the overflow occurred.
- **4. Plant:** The wastewater treatment plant (WWTP) that receives wastewater from the collection system in the area of the overflow. **Abbreviations: EBR** Eastbridge WWTP; **FC** Fourth Creek WWTP; **KUW** Kuwahee WWTP; **LC** Loves Creek WWTP.
- **5. Watershed:** A natural geographic area draining to a particular waterway, such as First Creek
- **6. Basin:** A small area of the sewer system separated by natural topography or system configuration. KUB identifies basins by a number.
- **7. Overflow Location:** This location information is specific to the KUB system, listing manhole numbers (MH#), pump stations, etc., or if the overflow was on a customer lateral or at a broken pipe.
- **8. Private Property Location:** 'BB' indicates that a sewer backed up into a building in association with a reportable SSO. Building backups associated with overflows are shown in the building backup spreadsheet.
- **9.** Cause of SSO/KUB Response: Examples of the causes of SSOs are inflow and infiltration (I&I) from rain or flooding, blockages caused by grease buildup, roots, or debris, broken pipe, etc. This column lists immediate actions KUB took in response to the SSO, such as repairing the line, flushing and cleaning the line, etc.
- **10. Volume (Gallons):** The estimated gallons of wastewater spilled in the overflow.
- 11. Duration (Hours): The estimated number of hours an overflow lasted.
- **12. Event Occurred Two or More Times Within 12 Months:** Shows SSOs recurring two or more times in a 12-month period.
- **13. Long-Term Capital Project:** Indicates whether the SSO requires long-term resolution, such as a capital improvement project. The five-year construction plan is formally updated on an annual basis and at other times during the fiscal year, as needed, to reflect changing conditions, priorities, and/or needs.
  - Construction Completed
  - Current Construction Underway: Work (engineering design and construction) is under way at the time of this report
  - Future Construction Planned: The need for a capital project has been identified/scheduled for future
  - N/A: One-time SSOs may not require long-term projects.
- **14. Short-Term Controls Blockage Abatement (BA):** Short-term resolutions to SSOs and building backups include activities intended to reduce and/or eliminate the cause of the overflow or building backup. These activities include equipment/pipe/manhole repairs, routine pipe cleaning, mechanical root control, grease inspections/enforcement, power

- restoration, etc. In some cases when an overflow has occurred two or more times in a 12-month period, a long-term corrective action will also be needed in addition to BA.
- **15. BA Schedule:** The frequency of scheduled maintenance for areas experiencing SSOs or building backups being alleviated by short-term measures.

## Key to the "2003-2013 SSOER with Building Backups" spreadsheet headings for BBUs

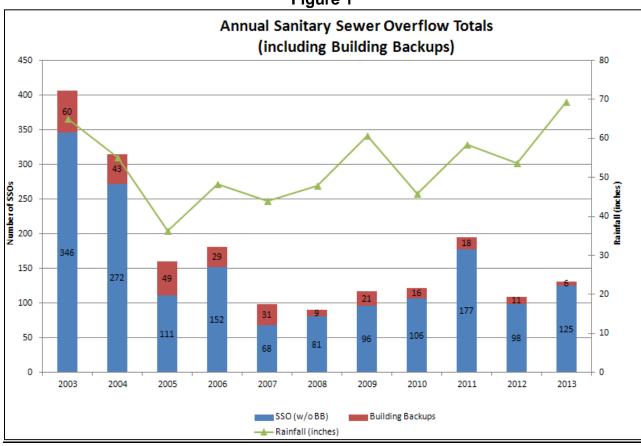
- 1. Date: Date the backup was discovered by/or reported to KUB.
- 2. Street #: The street number of the location where the backup occurred.
- 3. Street: The street name where the backup occurred.
- **4. Plant:** The wastewater treatment plant (WWTP) that receives wastewater from the collection system in the area of the backup. **Abbreviations: EBR** Eastbridge WWTP; **FC** Fourth Creek WWTP; **KUW** Kuwahee WWTP; **LC** Loves Creek WWTP.
- **5. Watershed:** A natural geographic area draining to a particular waterway, such as First Creek.
- **6. Basin:** A small area of the sewer system separated by natural topography or system configuration. KUB identifies basins by a number.
- **7. Backup Location:** Identifies if the backup occurred in a building and/or other private structure (manhole, clean-out, etc.).
- **8. Event Included in SSOER:** A check mark indicates if this building backup was associated with a public overflow event on the SSOER.
- **9.** Cause of Backup/KUB Response: Examples of the causes of backups are inflow and infiltration (I&I) from rain or flooding, blockages caused by grease buildup, roots, or debris, broken pipe, etc. This column lists immediate actions KUB took in response to the backup, such as repairing the line, flushing and cleaning the line, repairing a grinder pump, etc.
- 10. Volume (Gallons): The estimated gallons of wastewater spilled in the backup.
- **11. Duration (Hours):** The estimated number of hours a backup lasted.
- **12. Event Occurred Two or More Times Within 12 Months:** Shows backups recurring two or more times in a 12-month period.
- **13. Long-Term Capital Project:** Indicates whether the backup requires long-term resolution, such as a capital improvement project. The five-year construction plan is formally updated on an annual basis and at other times during the fiscal year as needed to reflect changing conditions, priorities, and/or needs.
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- **15. BA Schedule:** The frequency of scheduled maintenance for areas experiencing backups being alleviated by short-term measures.

## 2003-2013 SSO and Building Backup Trend Analysis

The information contained in the SSOER was compiled into one overall trend analysis. These events were analyzed based on four major components:

- Annual Number of SSOs
- SSO Cause
- SSO Volume
- SSO Duration





## **Annual Sanitary Sewer Overflow Totals**

Figure 1 illustrates there has been an overall significant decline in sanitary sewer overflows including building backups over the last ten years. This trend has been largely defined by system improvements, effective maintenance programs, and weather events. In fact, the increased frequency of rainfall events with rainfall totals and/or intensities that are record setting and difficult to manage produced fluctuations in the overall downward trend of SSO occurrence since the start of PACE10. Still, SSO totals remained far below those for 2003-2004 prior to the CD when KUB's service area received lower rainfall amounts.

The slight increase in 2006 relative to the previous year can be attributed to a three-day period of rain in September. During this event, rain gauges across our service territory recorded between 4.39 and 5.88 inches of rain. This event, which significantly exceeded a two-year 24-hour storm

return period, resulted in 33 rainfall-related SSOs. Those 33 events accounted for 49 percent of the wet-weather SSOs that occurred during 2006.

The total number of SSOs continued to decrease again after 2006 until 2009 when the annual rainfall and weather conditions began to affect the decline. The Knoxville area experienced a 27 percent increase in rainfall during 2009 compared to 2008. There were 47.75 inches of rainfall in 2008 and 60.66 inches in 2009, as reported by the NWS. This amount of annual rainfall had not occurred since 2003, when the area received 65 inches of rain throughout the year; however, only 29 wet-weather SSOs occurred in 2009 compared to over 200 in 2003. Then in January of 2010, our service area received an additional six inches of rain when the ground was already saturated from 12 inches of rain in the prior 60 day period. This produced 16 SSOs at the very start of 2010, which amounted to 50 percent of the wet-weather SSOs reported for that year.

The number of SSOs including building backups increased to 195 in 2011, when the annual rainfall approached 60 inches again. Ninety-two of those were wet-weather related and represent 47 percent of the total. Sixty-two of the 92 wet-weather SSOs and building backups in 2011 resulted between February and April, when the Knoxville area received over 21 inches of rain. In fact, one rain event that occurred on February 28, 2011, produced an average of three inches of rain in three hours, caused widespread flooding, and resulted in significant inflow and infiltration to the collection system in areas where rehabilitation work had not been completed. A total of 32 sewer overflows were reported as a result of this single rain event, and KUB requested this storm event be recognized as a Force Majeure event in a letter to the EPA on March 18, 2011. There were also two large rain events in April 2011 that contributed to 24 more wet-weather SSOs.

SSOs and building backups decreased to 109 in 2012, with only 21 wet-weather related overflows and 53.64 inches of rain. The NWS reported the Knoxville area received 5.67 inches of rain in January 2012. This occurred after receiving almost 12 inches of rain in the previous two months. With the ground already saturated, the rainfall in January produced only six wet-weather overflows. Then on September 17, 2012, the Knoxville area experienced a significant 24-hour rainfall event that caused substantial flooding. Rain gauges maintained by KUB located within KUB's service area indicated an average of 5.6 inches for the overall area in a 24-hour period. During this time, rain intensities reached 1.4 inches per hour in some locations early in the morning on September 18, 2012. KUB requested this storm event to also be recognized as a Force Majeure event in a letter to the EPA on October 5, 2012. A total of 10 sewer overflows were reported as a result of this single rain event.

As previously mentioned, the Knoxville area received 69.35 inches of rain in 2013, which is 21.49 inches above normal. The NWS precipitation records, collected for Knoxville since 1871, rank 2013 in second place for all time high record amounts of precipitation. The month with the most precipitation was January, registering at 12.67 inches, which is more than eight inches above average for the Knoxville area. The rainfall in January produced 30 wet-weather overflows occurring in January and February as shown on the next page in Table 1.

On January 13, 2013, the Knoxville area experienced a significant rainfall event that lasted for five continuous days. According to the NWS, the majority of our service area received over eight inches of rain during this five-day period, which contributed to this being the wettest January in over 130 years. Rain gauges maintained by KUB located within KUB's service area recorded rain totals ranging from 6.05 to 8.41 inches in a 96-hour period. Historical data from the NWS showed this event to be greater than a 25-year return period storm overall; however, some parts of KUB's

service area measured the event to be greater than a 100-year return period storm. Storm return periods are based on the application of historical duration, intensity, and frequency data maintained by the NWS. A total of 19 overflows were timely reported as a result of the precipitation from January 13 to 17. KUB requested this storm event be recognized as a Force Majeure event in a letter to the EPA on February 6, 2013. The limited number of overflows for such an unusual rain event when compared to the September 22-24, 2006 event, which caused 33 overflows with significantly less rain, is attributed to KUB's aggressive system improvements during PACE 10.

Then on January 30, the Knoxville area received an average of 2.64 inches of rain within a 12 hour period. The effects of this storm were strengthened due to the ground being heavily saturated from the previous rain event. This rain event produced an additional 11 wet-weather overflows in January and February.

Table 1. 2013 NWS Data for precipitation vs. Wet-Weather SSOs

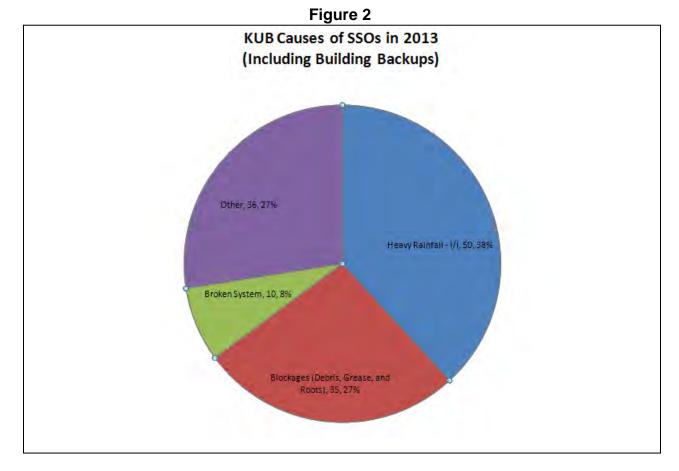
2013	Average Rainfall	Actual Rainfall	Deviation	Wet- Weather SSOs
January	4.32	12.67	+8.35	27
February	4.26	2.42	-1.84	3
March	4.34	5.49	+1.15	1
April	4.01	7.32	+3.31	0
May	4.51	3.52	-0.99	2
June	3.81	9.38	+5.57	2
July	5.08	7.37	+2.22	15
August	3.27	3.21	-0.6	0
September	3.24	4.42	+1.18	0
October	2.51	0.91	-1.6	0
November	4.01	4.41	+0.4	0
December	4.50	8.23	+3.73	0
Totals	47.86	69.35	+21.49	50

Table 1 shows the majority of the remaining wet-weather SSOs occurred in June and July when the Knoxville area received 16.75 inches of rainfall, nearly eight inches above normal. In June, 9.38 inches of rain fell, and then the first week of July produced 4.92 inches of rain. The ground was essentially saturated from the constant rainfall. While June only experienced two wet-weather overflows, a total of 15 wet-weather overflows resulted in July.

As seen in Figure 2, there were 81 dry-weather SSOs including building backups in 2013, which account for 61.8 percent of total overflows. Compared to 2003, there has been a 59.9 percent decrease in dry-weather SSOs including building backups in our collection system, which can be attributed to a significant amount of rehabilitation or replacement (251 miles) of sewer main and KUB's MOM Programs.

Blockage-related events continue to be the largest cause of dry-weather SSOs. To combat this issue, KUB has an aggressive Blockage Abatement (BA) Program, which is a routine cleaning and inspection program to remove grease, roots, and debris from sewer mains. The BA Program uses increased frequency of cleaning to prevent overflows in areas with previous problems. The footage of mains on BA fluctuates each year as KUB completes scheduled repairs or identifies

new areas where more cleaning is needed pending future projects or information obtained during system assessment activities. In 2013, BA crews cleaned 999,967 feet (ft) (189 miles) and televised 233,973 ft (44 miles) of gravity sewers in our system. KUB had 720,947 ft (137 miles), or 11 percent of its sewer mains, in the BA program in 2013.



## Causes of Sanitary Sewer Overflows

Figure 2 presents a comparison of SSOs for 2013 by causes. In this graph, the SSOs were grouped into four categories:

- Heavy Rainfall Inflow and Infiltration (I/I)
- Blockages (Debris, Grease, and/or Roots)
- Broken System
- Other (Construction Failures, Grinder Pump Failures, Pump Station Failures, Wastewater Storage Facility Failures, WWTP Failures, and Vandalism).

The SSOs are also grouped into one of four general categories by each year in Figure 3 for analysis. System cleaning, root removal, tank construction, and replacement/rehabilitation projects continue to decrease the number of events, duration, and volume.

Sanitary Sewer Overflow Causes (Including Building Backups) umber of Occurrences Raifall (inches) ■ Heavy Rainfall - I/I Blockages Broken System Other (Construction Failures, Grinder Pump Failures, Pump Station Failures, WW Storage Facility Failures, WWTP Failures, and Vandalism)

Figure 3

#### **Analysis by Category**

#### **Blockages**

These events were a result of debris, grease, or roots in the sewer lines that triggered overflows upstream. The events may have occurred during dry- or wet-weather but were included in this category because a blockage was at least partially responsible for the overflow. As illustrated in Figure 3, blockage-related events have been the major cause of SSOs in recent years. These events stayed somewhat constant, decreasing from 37 in 2012 to 35 in 2013, but they have declined by approximately 76 percent since 2003.

KUB continues to focus on reducing blockage-related overflows. KUB's BA Program routinely inspects and cleans sewer mains to identify and remove any grease, roots, or debris that accumulates in the system. The BA Program has continuously improved and expanded since 2003. For example, KUB restructured the program in 2004 to maximize cleaning efforts by updating the frequencies and type of maintenance activities. KUB also selected a contractor to perform BA maintenance so internal resources could focus on proactive maintenance and assessment. KUB has evaluated each line segment in the BA Program to develop a focused remediation plan. This focused maintenance activity enables KUB to utilize the most appropriate cleaning method versus employing a broad cleaning approach. For example, grease issues are addressed with hydraulic flushing while root issues require mechanical root removal tools. Last year KUB cleaned more than 189 miles of sewer main through the BA Program. The progress of

the BA Program is evident when looking at the number of blockage-related events compared to 2003.

Along with the BA Program, KUB's successful Grease Control Program has also played a role in the decrease in blockage-related SSOs over time. Grease related SSOs dropped from 50 in 2003 to 12 in 2013.

Each of these programs is described in greater detail in the summaries for the Gravity Line Preventative Maintenance and Grease Control Programs included in the 2013 Annual MOM Progress Report.

#### Heavy Rainfall

These events resulted from extraneous water entering the collection system due to rain events that exceeded the hydraulic capacity of the system. As previously described, rainfall amounts and intensities, sometimes record setting, have largely affected this trend; however, it is important to note that wet-weather overflows have decreased by over 77 percent since 2003. Figure 3 indicates rain was the largest contributor to SSOs in 2003 and 2004, but the impacts of rain have decreased over time, largely due to the rehabilitation or replacement (251 miles) of sewer main and completion of over 238 sewer improvement projects, including six wastewater storage facilities holding 34 million gallons of total storage.

Following the 2007 drought year, during which no events were caused by heavy rainfall, normal rainfall in 2008 caused only seven events. Since 2008 there has been an increase in wet-weather overflows that can also be attributed to the influence of rainfall amounts and intensities. The heavy rainfall (61 inches) in 2009 caused an increase in wet-weather events relative to the prior two years. Two intense rainfall events in 2009, which exceeded two-year 24-hour storm return periods, produced 22 wet-weather related overflows. Then in 2010, 33 overflows resulted from heavy rainfall. High antecedent soil moisture conditions in January 2010 combined with a large rain event beginning on January 24, 2010, produced 16 overflows. Another significant rain occurred on November 29, 2010, where the area received 3.5 inches of rain within a five-day period and 11 inches in the 60 days prior and resulted in nine wet-weather related overflows. These two rain events accounted for 64 percent of the wet-weather events in 2010.

Heavy rainfall produced a total of 92 overflows in 2011. From February to April 2011, the Knoxville area received over 21 inches of rainfall, with some isolated areas receiving even more. Sixty-two wet-weather overflows were produced in this period alone, primarily due to the antecedent moisture conditions and the intensity of the heavy rainfall events. One rain event, which occurred on February 28, was considered a 35-year return period storm, producing an average of three inches of rain in three hours. Thirty-two wet-weather overflows were reported as a result of this single rain event.

In 2012, the Knoxville area received above average precipitation again (53.64 inches). Twenty-one wet-weather overflows occurred in 2012, which is significantly lower than 2011 due to PACE10 progress and storage facility completion. On September 17, 2012, the Knoxville area experienced a significant 24-hour rainfall event. During this time, rain totaled almost six inches and rainfall intensities reached 1.4 inches per hour in some locations. Historical data from the NWS showed this event to be a 50-year return period storm. However, only seven sewer overflows were directly related to I/I received due to this heavy rainfall.

KUB's service area received a total of 69.35 inches of rain in 2013, which is 21.49 inches above normal as previously mentioned. Approximately 90 percent of the 50 wet-weather overflows in 2013 occurred during three months of the year, when significant rainfall and saturated ground conditions increased the possibility for inflow. January precipitation reached 12.67 inches, which was 8.35 inches above the NWS average for this month. This wet weather produced 30 of the 50 wet-weather overflows in 2013.

The majority of the remaining wet weather SSOs occurred in June and July when the Knoxville area received 16.75 inches of rainfall – 7.77 inches above normal for these months. In June, 9.38 inches of rain fell, and then the first week of July produced 4.92 inches of rain. This wet weather produced 15 wet-weather overflows in July.

Overall, the impacts of rain have decreased over time due to KUB's aggressive system improvements and storage facility construction. The "Long-Term Capital Improvement" column in the "2003-2013 SSOER with Building Backups" spreadsheets identifies areas that are susceptible to impacts of I/I and outlines ongoing or planned system improvements to further address I/I issues.

## Broken Pipe

These events were a direct result of structural failure in the collection system.

Figure 3 shows SSOs due to broken pipe fluctuate slightly, but, overall, the trend has been fairly constant (less than 20 SSOs per year) over the last several years. There were 10 SSOs due to broken pipe in 2013. Ground conditions can cause pipes to shift weakening joints. KUB continues to proceed with a significant amount of system rehabilitation and main line replacement to keep occurrences related to broken pipes low. As previously mentioned, over 251 miles of pipe have been rehabilitated since the beginning of the PACE 10 program.

#### Other

Construction failures and grinder pump failures were the primary drivers in this category for 2013. This category also includes pump station failures, wastewater storage facility failures, WWTP failures, and vandalism.

KUB continues to look closely at the specific causes within this category to eliminate SSOs, whenever possible. This year 10 SSOs and building backups were caused by grinder pump failures, representing 27.7 percent of total SSOs in this category. KUB-owned grinder pumps are assessed, prioritized, and set on aggressive maintenance schedule. This assessment takes place every two years and will occur again in 2014. KUB proactively conducts routine maintenance on these grinder pumps, such as replacing electrical or mechanical components, to help prevent future SSOs; however, many of the issues in 2013 resulting in SSOs or building backups were due to either tampering or customer care of the equipment. In many cases, customers put items down their sewer laterals, like grease and rags, which clogged the pumps. In one event, the power was turned off to the grinder pump from the breaker inside the house. Information is provided periodically to customers who have KUB-owned grinder pumps to educate on how to care for and use those pumps.

In addition, construction failures caused 20 SSOs and building backups this year. There is a wide range of factors in this category, such as sewer main flushing, dig-ins, and blockages caused by construction debris. When these situations occur, they are evaluated on a case-by case basis,

investigated to determine how the situation could have been prevented, and discussed with the contractor to prevent future occurrences. If issues continue with a specific contractor, KUB may increase the level of disciplinary action to exclude the contractor from future contracts.

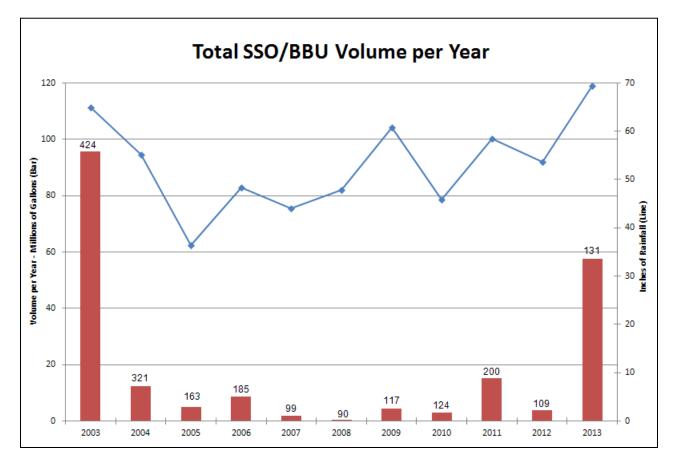


Figure 4.A

## Sanitary Sewer Overflow Volumes

Figures 4.A and 4.B represent the SSO volumes between 2003 and 2013. For Figure 4.B, the SSO volumes were grouped into four volume ranges:

- Between 0 and 1000 gallons
- Between 1001 and 10,000 gallons
- Greater than 10,000 gallons
- Not available.

Total volumes have decreased by almost 40 percent, from 95.66 million gallons in 2003 to 57.6 million gallons in 2013. The decrease in total overflow volumes from 2006 to 2007 is attributed to very low rainfall totals. All of the overflows that occurred in 2007 were dry-weather events. This downward trend continued in 2008 with the use of four storage tanks to help manage peak wetweather flows. The increase from 2009 to 2013 was a result of increased rainfall, and particularly, the result of individual rainfall events of significant magnitude and intensity, as previously discussed.

In June 2011, KUB achieved substantial completion and the beneficial use of the Lower Third Creek and Second Creek Wastewater Storage Facilities. These tanks added 12 million gallons of peak-flow storage for the Kuwahee WWTP to further reduce wet-weather SSOs, reduce diversions, and provide improved operational flexibility during heavy rainfall. It is important to note that KUB attempts to recover as much volume as possible during each event and responds to overflows as quickly as possible, which results in lower discharge volumes. However, significant and continued rainfall over a period of days can make this more difficult.

The increase in SSO volumes from 2012 to 2013 can mostly be attributed to the rain event from January 13-17, which KUB requested to be considered as a Force Majeure event. All six of KUB's wastewater storage facilities, designed to hold 34 million gallons, were used to manage the resulting flow in the collection system. All the tanks were filled to their maximum capacity to prevent SSOs. In fact, the Upper First Creek and Walker Springs storage facilities were filled to their maximum capacity within the first day. The ground was saturated from wet-weather conditions over the prior 30-60 days, and the excess flow from I/I quickly filled system storage. The Walker Springs storage facility helped manage and control flow to the Fourth Creek WWTP. The Lower Third Creek tank and Second Creek tank helped manage and control flow to the Kuwahee WWTP. All of KUB's plants received record influent flows, which exceeded their design capacity. The plants were operated in accordance with the approved Process Control Program to manage the high flow conditions to the fullest extent possible over the 5 days of rain followed by snow and ice. The Knoxville area has not seen a similar rainfall event in duration and magnitude in many years.

The NWS showed 2013 as the second highest year for precipitation since rain data collection began in Knoxville in 1871. According to the NWS, the Knoxville area received 69.35 inches of rain in 2013, which is 21.49 inches above normal or an additional one-third of the amount typically received during a year. Eight of the 12 months registered with above average rainfall. The use of KUB's six storage facilities and ongoing rehabilitation efforts have reduced flows in the sewer system during heavy and intense rainfall events.

Sanitary Sewer Overflow Volumes (Including Building Backups) Number of SSOs 100 80 

Figure 4.B

The Sewer Overflow Response Plan (SORP) provides structured volume estimating techniques for field crews. The SORP provides six basic techniques to determine the amount of discharge that occurred:

1001 to 10,000 gal Greater than 10,000 gal Not Available

Calculating Rectangular Spill Areas

0 to 1000 gal

- Calculating Based on Duration and Number of Residential Services
- Calculating Based on Vent Hole Analysis
- Calculating Based on Gap Around Manhole
- Calculating Based on No Manhole Lid
- Calculating Discharge from Pump station or Pressurized System

## 0 to 1000 gallons

The number of SSOs and building backups in this category has decreased by 54 percent since 2003. In 2013, 73 of the 131 SSOs and building backups were 1,000 gallons or less, and out of those, 79.5 percent (58) were less than 500 gallons. Most of these events were related to blockages, grinder pumps failures, or construction failures.

#### 1001 to 10,000 gallons

There were only 23 SSOs and building backups in this category for 2013, which is a decrease of almost 77 percent compared to 2003. The overflows in this category were mostly caused by blockages or broken pipe.

## Greater than 10,000 gallons

These volumes are normally associated with rainfall-related events. Twenty-seven SSOs and building backups fell into this category in 2013, and out of those, 12 fell within the Force Majeure rain event. The SSOs and building backups in this category have decreased by almost 67 percent since 2003, which highlights the success of increased capacity and reduction of inflow and infiltration through rehabilitation and replacement projects and wastewater storage facilities.

### Not Available (N/A)

This volume range represents situations where responders were not able to calculate volume because the overflow had occurred at some point in the past and was not detected until after the overflow had stopped. Under KUB's revised SORP, crews calculate volumes for both overflows and building backups, where sufficient flow data is available. There were eight cases in 2013 where the total could not be estimated because the overflow had stopped by the time it was discovered. Situations where the overflow is discovered at a later date do not allow volume to be reported. KUB has been able to decrease the number of events in this category by over 90 percent since 2003.

Sanitary Sewer Overflow Durations (Including Building Backups) 200 180 160 140 Number of SOs 100 100 80 120 80 60 40 20 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 ■0 to 2 Hours ■2.1 to 5 Hours ■ Greater than 5 Hours ■ Not Available

## Figure 5

#### Sanitary Sewer Overflow Durations

Figure 5 represents the SSO durations between 2003 and 2013. Durations are typically based on the amount of time elapsed since the overflow was first observed until the time the overflow was observed to have stopped. In cases where KUB can document or has reason to believe the overflow had been ongoing prior to observation, durations may be estimated. In many cases, KUB mitigated the overflow shortly after confirmation of the event. The SSO durations were grouped into four ranges:

- Between 0 and 2 hours
- Between 2.1 and 5 hours
- Greater than 5 hours
- Not available.

#### 0 to 2 hours

In 2013, 83 of the 131 SSOs and building backups fell within this category. This duration range is typically associated with blockage-related events. With this category having the highest number of events from 2005 to 2013, the increased response time directed by the SORP is evident. The 2013 Annual MOM Progress Report showed that our average response time for SSOs was 37.4 minutes. Sixty-three percent of SSOs and building backups in 2013 fell within this range. KUB currently has 19 automated manhole surcharge indicators that monitor flows using depth sensors

and telemetry. When a manhole is in surcharging condition at an overflow level, an alarm occurs, and crews are dispatched to initiate the response outlined in the SORP.

#### 2.1 to 5 hours

Again, this duration is typically related to blockages and/or rain events and this category fluctuates over the timeframe. The range was from a low of 12 in 2007 and 2009 to a high of 71 in 2004. However, the overall average from 2007 to 2013 has decreased by about 54 percent relative to the average in the previous four years (2003-2006) and shows KUB improved response to reduce the duration and volume of SSOs within our system. Only 10 occurrences from 2013 fell within this category.

#### Greater than 5 hours

These durations are typically associated with rainfall events. The occurrences in this category are significantly influenced by the amount and intensity of rainfall events; however, the additional collection system work and storage facilities have helped to decrease these occurrences in more recent years. There were 29 occurrences in 2013, and 18 were associated with the rainfall events in January. The number of events in this category has decreased by 83.6 percent since 2003.

#### Not Available (N/A)

This category captures the durations for which responders were not able to document because the overflow had occurred at some point in the past and was not detected until after the overflow had stopped. Under KUB's revised SORP, crews document durations for both overflows and building backups, where sufficient data is available. There were nine cases in 2013 where the time was unknown because the overflow had stopped by the time it was discovered. Situations where the overflow is discovered at a later date do not allow event durations to be reported. KUB has been able to decrease the number of events in this category by over 89 percent since 2003.

# Appendix A

**Unpermitted Discharges Subject to Stipulated Penalties** 

## 2013 Unpermitted Discharge Data and Analysis

Appendix A lists any SSO in 2013 that resulted in an unpermitted discharge along with its cause, volume, rainfall intensity, and one- and three-day rainfall totals. Figure 7 summarizes events impacted by factors that were difficult to control or events that had minimal impact on the environment due to their low volume.

Figure 7

Category	Count
Mech/Elec. Failure	4
Vandalism	1
3-day rainfall > 4 in.	16
1-day rainfall > 3 in.	0
Intensity > 0.84 in/hr	1
501 gal <vol <1000="" gal<="" td=""><td>4</td></vol>	4
Vol < 500 gal.	7
Total	33

There was an increase in unpermitted discharges from 2012 (25) to 2013 (59). Thirty-three of the 59 total unpermitted discharges in 2013 fell within one of the categories listed above. Thirty-three percent of the total unpermitted discharges had volumes under 1,000 gallons, which can be attributed to KUB's efforts in meeting the SORP's goal of responding to overflows in under 45 minutes. As previously mentioned, KUB's average response time to overflows in 2013 was 37.4 minutes.

Beginning on January 13, a significant rainfall event occurred that lasted for five continuous days and produced over eight inches of rain. Historical data from the NWS showed this event to be greater than a 25-year return period storm overall; however, some parts of KUB's service area measured the event to be greater than a 100-year return period storm. A total of 19 overflows, 16 of which were unpermitted discharges, were timely reported as a result of the precipitation from January 13 to 17. KUB requested the January 13-17, 2013 storm event be recognized as a Force Majeure event in a letter to the EPA on February 6, 2013.

A significant decline in unpermitted discharges has occurred over the last few years due to the completion of PACE 10 projects and KUB's ongoing system maintenance. The emphasis on Management, Operation, and Maintenance (MOM) program efforts, as described in the recently submitted 2013 MOM Progress Report, is a major contributor to this decline and will continue to be important to further reduce overflow events. KUB is ahead of schedule to finish all CSSAP assessments within one 12-year cycle period. KUB has already assessed over 85 percent of its gravity collection system, over 76 percent of its manholes, and over 83 percent of private sewer laterals. In addition, all sewer force mains and pump stations have been assessed every two years. Almost 20 percent of the sewer system has undergone rehabilitation or replacement to aggressively eliminate SSOs and unpermitted discharges. Additionally, 11 percent of KUB's sewer system is in the BA Program to reduce blockage related overflows. As KUB progresses in MOM activities. Basin Characterization has become a larger part of the evaluation as a more comprehensive set of data becomes available from CSSAP activities, such as smoke testing, flow monitoring, and closed circuit television. These characterizations help direct system improvements, either through capital projects or preventative maintenance activities, to reduce both dry- and wet-weather SSOs.

Appendix A		1								
Unpermitt	ed Discharg	jes in 2013								
		Overflow volume of 500 gallons of	r loop		1-day rainfall greater than 3"					
		Overnow volume of 500 gallons of	1 1622		1-day failliaii greater triair 3					
		Overflow volume of 501 - 1000 ga	allons		3-day rainfall greater than 4"					
		g.			o act, remaining reason areas					
		Vandalism			Intensity > 0.84 in/hr					
		Electrical or mechanical failure								
Reporting				Unrecovered	Receiving			l Totals	Peak Rainfall	Force Majeure
Period	Date	Location	Event	Volume (Gal.)	Stream	Cause	1-Day*	3-Day**	Intensity (in/hr)	event
1st 2013	1/14/2013	5829 Ball Camp Pike	Unpermitted Discharge	10,600	Third Creek	Blockage	1.59	2.54	0.49	Yes
1st 2013 1st 2013	1/15/2013 1/15/2013	1903 Jefferson Avenue 2328 Cedar Lane	Unpermitted Discharge Unpermitted Discharge	75 11,655	First Creek First Creek	Heavy Rainfall Heavy Rainfall	2.57 2.57	5.09 5.09	0.49 0.49	Yes Yes
1st 2013	1/15/2013	3410 Boright Drive	Unpermitted Discharge	70,650	First Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	2541 Mitchell Street	Unpermitted Discharge	317.000	First Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	2004 Riverside Drive	Unpermitted Discharge	628,000	Williams Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	1500 Lyons Bend Road	Unpermitted Discharge	4,285,300	Fourth Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	600 N Gallaher View Road	Unpermitted Discharge	11,324,000	Ten Mile Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	4719 Old Broadway	Unpermitted Discharge	16,320,000	First Creek	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/15/2013	2004 Neyland Drive	Unpermitted Discharge	18,440,000	Tennessee River	Heavy Rainfall	2.57	5.09	0.49	Yes
1st 2013	1/16/2013	201 Hermitage Drive	Unpermitted Discharge	1,225	Butterfly Lake	Heavy Rainfall	0.79	4.98	0.49	Yes
1st 2013	1/16/2013	2412 Bernhurst Drive	Unpermitted Discharge	1,425	First Creek	Heavy Rainfall	0.79	4.98 4.98	0.49 0.49	Yes
1st 2013 1st 2013	1/16/2013 1/16/2013	6410 S Northshore Drive 4505 Middlebrook Pike	Unpermitted Discharge Unpermitted Discharge	5,800 10,000	Fourth Creek Third Creek	Heavy Rainfall Heavy Rainfall	0.79 0.79	4.98	0.49	Yes Yes
1st 2013	1/16/2013	6016 Neubert Springs Road	Unpermitted Discharge	10,000	Knob Creek	Heavy Rainfall	0.79	4.98	0.49	Yes
1st 2013	1/17/2013	6532 Westside Drive	Unpermitted Discharge	200	Ten Mile Creek	Heavy Rainfall	0.99	4.35	0.49	Yes
1st 2013	1/17/2013	2541 Fair Drive	Unpermitted Discharge	13,900	First Creek	Heavy Rainfall	0.99	4.35	0.49	Yes
1st 2013	1/30/2013	2500 Cedar Lane	Unpermitted Discharge	280	First Creek	Heavy Rainfall	2.71	2.71	0.66	
1st 2013	1/30/2013	1903 Jefferson Avenue	Unpermitted Discharge	875	First Creek	Heavy Rainfall	2.71	2.71	0.66	
1st 2013	1/30/2013	3305 McKamey Road	Unpermitted Discharge	6,400	Third Creek	Heavy Rainfall	2.71	2.71	0.66	
1st 2013	1/30/2013	2004 Riverside Drive	Unpermitted Discharge	13,100	Williams Creek	Heavy Rainfall	2.71	2.71	0.66	
1st 2013	1/30/2013	2541 Mitchell Street	Unpermitted Discharge	19,600	First Creek	Heavy Rainfall	2.71 2.71	2.71 2.71	0.66	
1st 2013 1st 2013	1/30/2013 1/30/2013	3412 Boright Drive 1500 Lyons Bend Road	Unpermitted Discharge Unpermitted Discharge	21,300 905,700	First Creek Fourth Creek	Heavy Rainfall Heavy Rainfall	2.71	2.71	0.66 0.66	
1st 2013	1/31/2013	600 N Gallaher View Road	Unpermitted Discharge	570,700	Ten Mile Creek	Heavy Rainfall	0.0013	2.71	0.66	
1st 2013	2/4/2013	4100 Central Avenue Pike	Unpermitted Discharge	50	Second Creek	Heavy Rainfall	0.00	0.06	0.08	
1st 2013	2/4/2013	409 N Bellemeade Avenue	Unpermitted Discharge	500	Third Creek	Heavy Rainfall	0.00	0.06	0.08	
1 at 2012						WWTP - Mechanical				
1st 2013	2/10/2013	1521 Saylors Ford Road	Unpermitted Discharge	435	Holston River	Failure	0.20	0.30	0.12	
1st 2013	3/11/2013	2840 Essary Drive	Unpermitted Discharge	180	First Creek	Blockage	0.73	0.73	0.03	
1st 2013	3/11/2013	4917 Ball Road	Unpermitted Discharge	3,400	Fourth Creek	Broken System	0.73	0.73	0.03	
1st 2013	3/15/2013	4923 Ball Road	Unpermitted Discharge	2,700	Fourth Creek	Broken System	0.00	0.00	0.00	
1st 2013 2nd 2013	3/27/2013 4/8/2013	2418 Selma Avenue 2724 Western Avenue	Unpermitted Discharge Unpermitted Discharge	20.000	Williams Creek Third Creek	Blockage Construction Failure	0.00	0.05 0.00	0.04	
2nd 2013 2nd 2013	4/8/2013	608 Van Street	Unpermitted Discharge Unpermitted Discharge	1,000	Second Creek	Blockage	1.09	1.09	0.00	
2nd 2013 2nd 2013	4/28/2013	1540 Jourolman Avenue	Unpermitted Discharge	6,350	Third Creek	Blockage	2.42	3.51	0.38	
2nd 2013	4/28/2013	1500 Lyons Bend Road	Unpermitted Discharge	1.660.879	Fourth Creek	Electrical Failure	2.42	3.51	0.38	
2nd 2013	5/6/2013	2722 Chukar Road	Unpermitted Discharge	5,500	Fourth Creek	Blockage	0.23	2.00	0.19	
2nd 2013	5/6/2013	2541 Mitchell Street	Unpermitted Discharge	12,500	First Creek	Heavy Rainfall	0.23	2.00	0.19	
2nd 2013	5/16/2013	2327 South Haven Road	Unpermitted Discharge	Unknown	Unknown Tributary to Baker	Heavy Rainfall	NA***	NA***	NA***	
2nd 2013	6/4/2013	2111 Schofield Street	Unpermitted Discharge	40,000	Third Creek	Construction Failure	0.00	2.50	0.73	
2nd 2013	6/12/2013	6549 Creekhead Drive	Unpermitted Discharge	3,000	Ten Mile Creek	Vandalism	0.00	0.52	0.10	
2nd 2013	6/18/2013	2500 Cedar Lane	Unpermitted Discharge	300	First Creek	Heavy Rainfall	0.87	1.91	0.59	
3rd 2013	7/7/2013	2327 South Haven Road	Unpermitted Discharge	500	Baker Creek	Heavy Rainfall	2.14	3.33	0.63	
3rd 2013	7/7/2013	2008 Riverside Drive	Unpermitted Discharge	6,000	Williams Creek	Heavy Rainfall	2.14	3.33	0.63	
3rd 2013	7/7/2013	4100 Central Avenue Pike	Unpermitted Discharge	36,600	Second Creek	Heavy Rainfall	2.14	3.33	0.63	
3rd 2013	7/7/2013	600 N Gallaher View Road	Unpermitted Discharge	540,000	Ten Mile Creek	Heavy Rainfall	2.14	3.33	0.63	
3rd 2013	7/7/2013	1500 Lyons Bend Road	Unpermitted Discharge	1,732,500	Fourth Creek	Heavy Rainfall	2.14	3.33	0.63	
3rd 2013	7/8/2013	2541 Mitchell Street	Unpermitted Discharge	19,000	First Creek	Heavy Rainfall	0.00	3.24	0.63	
3rd 2013	7/9/2013	1201 Watercress Drive	Unpermitted Discharge	67,000	First Creek	Construction Failure	0.00	2.14	0.63	
3rd 2013	7/9/2013	409 N Bellemeade Avenue	Unpermitted Discharge	Unknown	Third Creek	Heavy Rainfall	0.00	2.14	0.63	

Reporting				Unrecovered	Receiving		Rainfa	l Totals	Peak Rainfall	Force Majeure
Period	Date	Location	Event	Volume (Gal.)	Stream	Cause	1-Day*	3-Day**	Intensity (in/hr)	event
3rd 2013	7/9/2013	4505 Middlebrook Pike	Unpermitted Discharge	Unknown	Third Creek	Heavy Rainfall	0.00	2.14	0.63	
3rd 2013	7/10/2013	6410 S Northshore Drive	Unpermitted Discharge	Unknown	Fourth Creek	Heavy Rainfall	0.35	0.35	0.57	
3rd 2013	7/15/2013	4719 Old Broadway	Unpermitted Discharge	Unknown	First Creek	Heavy Rainfall	0.00	0.67	0.57	
3rd 2013	9/6/2013	1901 Sutherland Avenue	Unpermitted Discharge	700	Third Creek	Blockage	0.00	0.00	0.00	
3rd 2013	9/17/2013	1017 Cox Street	Unpermitted Discharge	75	Third Creek	Broken System	0.00	0.00	0.00	
3rd 2013	9/21/2013	2015 Neyland Drive	Unpermitted Discharge	115,000	Tennessee River	WWTP - Process Failure	2.32	2.32	1.07	
3rd 2013	9/22/2013	1500 Lyons Bend Road	Unpermitted Discharge	227,000	Fourth Creek	WWTP - Electrical Failure	0.00	2.32	1.07	
3rd 2013	9/26/2013	2501 Ailor Avenue	Unpermitted Discharge	5,600	Third Creek	Blockage	0.00	0.48	0.18	
4th 2013	12/9/2013	600 North Gallaher View Road	Unpermitted Discharge	59,000	Ten Mile Creek	WW Storage Facility - Mechanical Failure	0.87	1.64	0.22	
*4 Day Dainfall	Tatal in the union th									
		at occurred on the day of the SSO amount of rain that occurred on the		o O dovo prior						
***Evidence of t	this event was disc	covered some time after it occurred	<ol> <li>The line was CCTVd and</li> </ol>	d no defects were di	scovered so the event was at	ttributed to a prior rain event				

						Private Private			Event occurred two	or		
D-1-	0,,,,,,	Bloom	Maranakad	D in	Overflow Leveller	Property Cooperation Control of Cooperation Cooperatio	Walana (Oallana)	D	more times within 1		Short-Term Controls	DA Octobril
Date 1/24/02	Street # Street  2015 NEYLAND DRIVE	Plant KUW	Watershed Third Creek	Basin 35B	Overflow Location Secondary Junction Box	Location Cause of SSO/KUB Response  Heavy rainfall in the area resulted in high flows in the collection system.	1,000,000	Duration (Hours) 20.5	months	Long-Term Capital Project Future Construction Planned	Blockage Abatement (BA) N/A	BA Schedule N/A
1/25/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	50,000	2.5	· ·	Future Construction Planned	N/A	N/A
3/17/02	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	WWTP - Electrical Failure. Electricity was restored.	1,916,000	2	<b>V</b>	N/A	Repair Completed	N/A
3/17/02 3/17/02	2004 NEYLAND DRIVE 2015 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	MH 1 Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown 450,000	Unknown	<b>√</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
3/17/02	1500 LYONS BEND ROAD	FC	Fourth Creek		MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	134.000	0.13	· ·	Construction Underway	N/A	N/A
3/18/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	200,000	5.5	✓	Future Construction Planned	N/A	N/A
3/18/02	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	3000	10	✓	Construction Completed	N/A	N/A
4/19/02 5/3/02	1500 LYONS BEND ROAD 2600 WOODSON DRIVE	FC KUW	Fourth Creek South Knoxville		MH 1 MH 2-1	WWTP - Mechanical Failure. Plant was reinstated.	569,000 900	2	<b>√</b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
6/6/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 2-1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  WWTP - Electrical Failure. Electricity was restored.	38,000	0.25	· · ·	Future Construction Planned	N/A N/A	N/A N/A
7/30/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	WWTP - Electrical Failure. Electricity was restored.	10,000	0.07	· ·	Future Construction Planned	N/A	N/A
9/21/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,660,000	2.18	✓	Future Construction Planned	N/A	N/A
9/21/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	3000	0.25	<b>√</b>	Future Construction Planned	N/A N/A	N/A
9/21/02 9/22/02	2600 WOODSON DRIVE 2004 NEYLAND DRIVE	KUW	South Knoxville Third Creek	9 44 35B	MH 2-1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	28,800 1,300,000	12	· · ·	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
9/22/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	5,700,000	4.5	<b>√</b>	Future Construction Planned	N/A	N/A
10/3/02	600 N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1200	2	✓	Construction Completed	N/A	N/A
10/4/02	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	6000	1	<u>✓</u>	Construction Completed	Repair Completed	12 Months
12/5/02 2/14/03	600 N GALLAHER VIEW ROAD 2004 NEYLAND DRIVE	FC KUW	Fourth Creek Third Creek	32A 35B	MH 77 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	18,000 1,600,000	12 1.5	· /	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
2/14/03	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	3000	0.25	· · · · · · · · · · · · · · · · · · ·	Future Construction Planned	N/A N/A	N/A N/A
2/14/03	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	16,500	22	<b>✓</b>	Construction Completed	N/A	N/A
2/15/03	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	136,000	2	<b>√</b>	Construction Underway	N/A	N/A
2/15/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	11,700,000	16.5	<b>√</b>	Future Construction Planned	N/A	N/A
2/16/03	961 E FORD VALLEY ROAD 1500 LYONS BEND ROAD	KUW	Knob Creek	41	Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	180	2	<b>√</b>	Construction Completed	N/A	N/A
2/16/03	1500 LYONS BEND ROAD 2004 NEYLAND DRIVE	FC KUW	Fourth Creek Third Creek	37 35B	MH 1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	871,000 12,120,000	6 18	<b>√</b>	Construction Underway Future Construction Planned	N/A N/A	N/A N/A
2/16/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	12,120,000	7	· ·	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
2/19/03	4606 UPCHURCH ROAD	KUW	First Creek	7	MH 45	Blockage - Debris. The sewer main was flushed & area was cleaned.	90	3		Construction Completed	N/A	N/A
2/21/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,320,000	2.5	✓	Future Construction Planned	N/A	N/A
2/22/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	10,870,000	22.5	<u> </u>	Future Construction Planned	N/A	N/A
2/22/03 2/27/03	2600 WOODSON DRIVE 600 N GALLAHER VIEW ROAD	KUW FC	South Knoxville Fourth Creek		MH 2-1 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	10,500 1890	70 21		Construction Completed Construction Completed	N/A N/A	N/A N/A
3/8/03	4411 CYPRESS LANE	KUW	South Knoxville		MH 62-21	Blockage - Roots. The sewer main was flushed & area was cleaned.	1440	8	•	N/A	BA	12 Months
3/13/03	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	600	0.5	<b>✓</b>	Construction Completed	N/A	N/A
3/20/03	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	600	0.34	<b>✓</b>	Construction Completed	N/A	N/A
3/28/03	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	BA	12 Months
3/30/03	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	9000	3	· ·	Construction Completed	N/A	N/A
3/31/03 4/10/03	961 E FORD VALLEY ROAD 2004 NEYLAND DRIVE	KUW	Knob Creek Third Creek	35B	Wetwell MH 1	Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1500 1,740,000	0.5	<b>√</b>	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
4/10/03	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	510	4.25	<b>√</b>	Construction Completed	N/A	N/A
5/5/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,050,000	3	<b>√</b>	Future Construction Planned	N/A	N/A
5/5/03	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	3300	550	✓	Construction Completed	N/A	N/A
5/6/03	1500 LYONS BEND ROAD 600 N GALLAHER VIEW ROAD	FC FC	Fourth Creek	37 32A	MH 1 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	26,710 49,875	8.5 66.5	<u> </u>	Construction Underway	N/A N/A	N/A N/A
5/6/03 5/6/03	2004 NEYLAND DRIVE	KUW	Fourth Creek Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	22,060,000	15		Construction Completed Future Construction Planned	N/A N/A	N/A
5/7/03	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	2100	2	✓	Construction Completed	N/A	N/A
5/7/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	19,400,000	15.5	✓	Future Construction Planned	N/A	N/A
5/11/03	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	300	1.5	<u> </u>	Construction Completed	N/A	N/A
5/15/03 7/2/03	1500 LYONS BEND ROAD 600 N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek		MH 1 MH 77	WWTP - Electrical Failure. Electricity was restored.  Heavy rainfall in the area resulted in high flows in the collection system.	1,500,000 14,440	3 24		Construction Underway Construction Completed	N/A N/A	N/A N/A
7/9/03	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	WWTP - Electrical Failure. Electricity was restored.	1,370,000	3.14	<b>√</b>	Construction Underway	N/A	N/A
9/9/03	5246 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	30	4		N/A	Repair Completed	N/A
9/13/03	5241 BENT RIVER BOULEVARD	FC	Fourth Creek		Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	Unknown	Unknown		N/A	Repair Completed	N/A
11/6/03	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	3600	4	<u> </u>	Construction Completed	N/A	N/A
11/6/03 11/19/03	2004 NEYLAND DRIVE 600 N GALLAHER VIEW ROAD	KUW FC	Third Creek Fourth Creek	35B 32A	MH 1 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	50,000 1920	0.72	<u> </u>	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
12/11/03	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	WWTP - Electrical Failure. Electricity was restored.	48.650	0.33	· ·	N/A	Repair Completed	N/A
12/30/03	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Construction Failure - Sewer Main Flushing. The area was cleaned.	30	0.17	<b>√</b>	Construction Completed	N/A	N/A
1/28/04	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	50	2	✓	Construction Completed	BA	12 Months
2/6/04	961 E FORD VALLEY ROAD	KUW	Knob Creek		Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	54,000	9	· ·	Construction Completed	N/A	N/A
2/6/04 2/6/04	600 N GALLAHER VIEW ROAD 4713 OLD BROADWAY	FC KUW	Fourth Creek First Creek	32A 7	MH 77 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	6050 13.500	23.5	<u>√</u>	Construction Completed Construction Completed	N/A BA	N/A 12 Months
2/6/04	304 SEVENTH AVENUE	KUW	First Creek	18	MH 2 MH 15	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	13,500	18.5		Future Construction Planned	BA BA	12 Months
3/6/04	961 E FORD VALLEY ROAD	KUW			Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	3000	10.5	<b>√</b>	Construction Completed	N/A	N/A
3/6/04	600 N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1680	3.5	<b>√</b>	Construction Completed	N/A	N/A
3/6/04	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	3150	2.5	✓	Construction Completed	BA	12 Months
5/31/04 6/17/04	2600 WOODSON DRIVE 1210 E MOODY AVENUE	KUW	South Knoxville		MH 2-1 MH 39	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	2400 4675	1 4		Construction Completed Construction Completed	N/A N/A	N/A N/A
6/17/04	1210 E MOODY AVENUE 1500 LYONS BEND ROAD	KUW FC	Fourth Creek		Primary Clarifiers 3, 4, 5 & 6	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	2000	0.58	· ·	Construction Completed Construction Underway	N/A N/A	N/A N/A
6/23/04	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Construction Underway  Construction Completed	N/A BA	12 Months
6/25/04	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	11,520	4	· /	Construction Completed  Construction Completed	N/A	N/A
6/25/04	1210 E MOODY AVENUE	KUW	South Knoxville	e 40	MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	1080	2	✓	Construction Completed	N/A	N/A
6/27/04	600 N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	240	4	<b>√</b>	Construction Completed	N/A	N/A
7/27/04	1210 E MOODY AVENUE	KUW	South Knoxville		MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	<u> </u>	Construction Completed	N/A	N/A
9/10/04 9/17/04	409 N BELLEMEADE AVENUE 600 N GALLAHER VIEW ROAD	KUW FC	Third Creek Fourth Creek	28 32A	MH 3-53 MH 77	Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	180 31,680	1 22	<u> </u>	Construction Completed Construction Completed	BA/Grease Control N/A	1 Month N/A
9/17/04	4713 OLD BROADWAY	KUW	First Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	561	5		Construction Completed  Construction Completed	N/A BA	12 Months
9/22/04	1500 LYONS BEND ROAD	FC	Fourth Creek	,	MH 1	WWTP - Mechanical Failure. Plant was reinstated.	102,483	0.5	· ·	N/A	Repair Completed	N/A
9/24/04	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53	Heavy rainfall in the area resulted in high flows in the collection system.	75	1.25	✓	Construction Completed	BA	1 Month
10/19/04	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	Underground Flow	Blockage - Grease. The sewer main was flushed & area was cleaned.	2805	27	✓	Construction Completed	BA/Grease Control	1 Month
11/24/04	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	250	0.007	V	Construction Underway	N/A	N/A
11/24/04	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A 7	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	6480	12	<u> </u>	Construction Completed	N/A	N/A
11/24/04 11/24/04	4713 OLD BROADWAY 1216 WATERCRESS DRIVE	KUW		7	MH 2 MH 29-9	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Grease. The sewer main was flushed & area was cleaned.	2040 3960	11.3 8.25	· ·	Construction Completed Construction Completed	BA/Grease Control	12 Months 6 Months
11/30/04	5246 BENT RIVER BOULEVARD	FC	Fourth Creek		Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	2		N/A	Repair Completed	N/A
12/1/04	600 N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	20,160	14	✓	Construction Completed	N/A	N/A
40/4/04	4713 OLD BROADWAY	KUW		7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	37,400	12	✓	Construction Completed	BA	12 Months
12/1/04			Fourth Creek							Construction Completed		

Date Street	et# Street	Plant	Watershed	Basin	Private Property Overflow Location Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	54.720	9.5	√ v	Construction Completed	BA	12 Months
12/9/04	1210 E MOODY AVENUE	KUW	South Knoxville	40	MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	85,170	41.75	<b>√</b>	Construction Completed	N/A	N/A
12/9/04	1500 LYONS BEND ROAD	FC	Fourth Creek	37	Aeration Splitter Box	Heavy rainfall in the area resulted in high flows in the collection system.	29,123	2.67	,	Construction Underway	N/A	N/A
12/9/04	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	113,590	1.83	<b>✓</b>	Construction Underway	N/A	N/A
12/9/04 12/9/04	409 N BELLEMEADE AVENUE 600 N GALLAHER VIEW ROAD	KUW FC	Third Creek Fourth Creek	28 32A	MH 3-53 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	2640 189,000	22 70	<b>√</b>	Construction Completed Construction Completed	BA N/A	1 Month N/A
12/9/04	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	400,000	2.63		Future Construction Planned	N/A	N/A
12/9/04	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	1,008,120	62	✓	Construction Completed	BA	12 Months
12/9/04	304 SEVENTH AVENUE	KUW	First Creek	18	MH 15	Heavy rainfall in the area resulted in high flows in the collection system.	26,928	8	✓	Future Construction Planned	BA	12 Months
2/15/05 2/21/05	2015 NEYLAND DRIVE 600 N GALLAHER VIEW ROAD	KUW FC	Third Creek	35B 32A	#6 Digester MH 77	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	5500 260000	0.5 20	<b>-</b>	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
2/22/05	2015 NEYLAND DRIVE	KUW	Fourth Creek Third Creek	35B	#6 Digester	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	200	0.17	•	Future Construction Planned	N/A N/A	N/A N/A
3/10/05	5241 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	5		N/A	Repair Completed	N/A
3/22/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Filtrate Tank	Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	200	0.1		Future Construction Planned	N/A	N/A
3/28/05	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	50,410	2	<b>✓</b>	Construction Underway	N/A	N/A
4/2/05 4/2/05	600 N GALLAHER VIEW ROAD 2015 NEYLAND DRIVE	FC KUW	Fourth Creek Third Creek	32A 35B	MH 77 Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	7,200 9,000	20 1.5	*	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
4/4/05	3741 EAKERS STREET	KUW	South Knoxville	40	MH 47-1	Heavy rainfall in the area resulted in high flows in the collection system.	1,200	4	<b>✓</b>	Construction Completed	N/A	N/A
4/13/05	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	247,680	43	✓	Construction Completed	N/A	N/A
4/19/05	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	250	2	✓	Construction Completed	BA	12 Months
5/20/05	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	5,610	2.75	✓	Construction Completed	N/A	N/A
5/20/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Primary Clarifiers # 3-4 Influent Boxes	Heavy rainfall in the area resulted in high flows in the collection system.	500	0.17		Future Construction Planned	N/A	N/A
5/24/05	3741 EAKERS STREET	KUW	South Knoxville	40	MH 47	Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Completed	N/A	N/A
7/19/05	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1,037	3	✓	Construction Completed	N/A	N/A
8/23/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Digester MH	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	0	0.08		Future Construction Planned	N/A	N/A
8/23/05 1/17/06	2304 WOODS CREEK ROAD 4713 OLD BROADWAY	LC KUW	Loves Creek First Creek	6 7	Grinder Pump MH 2	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	5 270	2	<b>-</b>	N/A Construction Completed	Repair Completed BA	N/A 12 Months
1/17/06	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	14025	1	<b>✓</b>	Construction Completed Construction Completed	BA BA	12 Months
4/4/06	5105 BALL ROAD	FC	Fourth Creek	49	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	442400	252		N/A	Repair Completed	N/A
4/8/06	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	38148	17	<b>√</b>	Construction Completed	N/A	N/A
4/8/06	4713 OLD BROADWAY	KUW	First Creek	7	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	20196	12	<b>✓</b>	Construction Completed	BA	12 Months
	4411 CYPRESS LANE 4713 OLD BROADWAY	KUW	South Knoxville	39 7	MH 62-21 MH 2	Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	225 89670	3 12		N/A Construction Completed	BA BA	3 Months 12 Months
4/22/06	600 N GALLAHER VIEW ROAD	FC	First Creek Fourth Creek	32A	MH 2 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	89670 14890	12	<b>✓</b>	Construction Completed Construction Completed	N/A	12 Months N/A
6/7/06	8530 CROSSWIND LANDING LANE	EB	Eastbridge	110	Wetwell	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	150	0.5		N/A	Repair Completed	N/A
8/4/06	2600 WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	500	1		Construction Completed	Repair Completed	N/A
9/23/06	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	9000	5		Construction Completed	N/A	N/A
9/23/06 9/23/06	1210 E MOODY AVENUE 3741 EAKERS STREET	KUW	South Knoxville South Knoxville	40 40	MH 39 MHs 47 & 47-103	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	8640 10560	6	•	Construction Completed Construction Completed	N/A N/A	N/A N/A
9/23/06	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	489000	2.88		Construction Underway	N/A	N/A
9/23/06	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	50	0.008		Future Construction Planned	N/A	N/A
9/23/06	4600 UPCHURCH ROAD	KUW	First Creek	7	MH 45	Heavy rainfall in the area resulted in high flows in the collection system.	360	2		Construction Completed	N/A	N/A
9/23/06	1216 WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9	Heavy rainfall in the area resulted in high flows in the collection system.	1440	6		Construction Completed	BA	6 Months
9/24/06 9/24/06	600 N GALLAHER VIEW ROAD 4713 OLD BROADWAY	FC KUW	Fourth Creek First Creek	32A	MH 77 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	3310000 197712	5	<b>√</b>	Construction Completed Construction Completed	N/A BA	N/A 12 Months
9/25/06	6410 S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	304380	6	•	Construction Completed	N/A	N/A
9/28/06	302 SEVENTH AVENUE	KUW	First Creek	18	MHs 15 & 16	Blockage - Roots. The sewer main was flushed & area was cleaned.	6209	6	✓	Future Construction Planned	BA	6 Months
10/27/06	2706 MYNDERSE AVENUE 1210 E MOODY AVENUE	KUW	Third Creek South Knoxville	22	MH 18-3 MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	5100	5	<b>/</b>	Future Construction Planned	BA N/A	6 Months N/A
11/1/06 11/1/06	304 SEVENTH AVENUE	KUW	First Creek	40 18	MH 15	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	720 558	5	· ·	Construction Completed Future Construction Planned	BA	6 Months
12/31/06	2004 NEYLAND DRIVE	KUW	Third Creek	35A	MH 1	WWTP - Mechanical Failure. Plant was reinstated.	160000	0.33		Future Construction Planned	N/A	N/A
1/8/07	304 SEVENTH AVENUE	KUW	First Creek	18	MH 15	Blockage - Roots. The sewer main was flushed & area was cleaned.	720	2	✓	Future Construction Planned	BA	6 Months
3/3/07 3/3/07	2004 NEYLAND DRIVE 2015 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	MH 1  Ruptured Force Main	WWTP - Electrical Failure. Electricity was restored.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	1,170,000 10.600	1.5	✓	Future Construction Planned Future Construction Planned	Repair Completed Repair Completed	N/A N/A
6/7/07	1500 LYONS BEND ROAD	FC	Fourth Creek	37	Leaking Valve	Broken System - Sludge Line Valve Failure. The valve was replaced & the area cleaned.	25	0.58		N/A	Repair Completed  Repair Completed	N/A
9/24/07	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Broken Force Main	Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	4,500	1.5		Construction Completed	Repair Completed	N/A
2/4/08	516 N BEAMAN STREET	LC	Loves Creek	20	MH 61-8	Blockage - Roots. The sewer main was flushed & area was cleaned.	180	1		Construction Completed	BA	6 Months
2/18/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Primary Sludge Pipe	Broken System - Sludge Line Leak. The leak was repaired & the area cleaned.	2,128	0.083		Future Construction Planned	Repair Completed	N/A
3/24/08	5219 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump & BBU BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	15	1	-	N/A	Repair Completed	N/A
5/28/08	4144 OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4.39-44.39-45 & Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	45.655	2	✓	Construction Completed	N/A	N/A
6/11/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	MH 4-51	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	50	0.02		Future Construction Planned	Repair Completed	N/A
6/12/08	5246 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	3	<u> </u>	N/A	Repair Completed	N/A
	5241 BENT RIVER BOULEVARD 409 N BELLEMEADE AVENUE	FC KUW	Fourth Creek	43	Grinder Pump MH 3-53	Grinder Pump Failure. Pump was repaired & the area was cleaned.	1 200	4	<b>✓</b>	N/A Construction Completed	Repair Completed	N/A N/A
7/28/08 7/30/08	5405 LANCE DRIVE	KUW	Third Creek Third Creek	28 21	MH 3-53 MH 10-85	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	300 4,900	24	•	Construction Completed N/A	Repair Completed BA	6 Months
	5246 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	29	2.33		N/A	Repair Completed	N/A
9/4/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Broken Gravity Main	Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	50	0.083		Future Construction Planned	Repair Completed	N/A
12/3/08	3413 KINGSTON PIKE	KUW	Third Creek	29	Broken Gravity Main	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	200	10		Construction Completed	N/A	N/A
12/10/08 12/11/08	1210 E MOODY AVENUE 1216 WATERCRESS DRIVE	KUW	South Knoxville First Creek	40 7	MH 39 MH 29-9	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1,100 65	4	<del> </del>	Construction Completed Construction Completed	N/A BA	N/A 6 Months
1/6/09	3410 BORIGHT DRIVE	KUW	First Creek	8	MHs 42,43,44 & 45	Heavy rainfall in the area resulted in high flows in the collection system.	4.830	9.5	<b>✓</b>	Construction Completed  Construction Underway	N/A	N/A
1/6/09	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.	4,575	9	· ·	Construction Completed	BA/Grease Control	6 Months
1/6/09	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	60,000	10	V	Construction Completed	N/A	N/A
1/6/09 1/6/09	1210 E MOODY AVENUE 5011 KINGSTON PIKE	KUW	South Knoxville Third Creek	40 34	MH 39 MH 58	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	7,400 5,600	14.5 11	✓	Construction Completed Construction Completed	N/A N/A	N/A N/A
110103	SOTT MINGOTON TIME	NOVV	Tima Cleek	34	MHs 39-4,39-44,39-45 & 2 Lateral	ricavy ramiam in the area resoluted in high flows in the collection system.	5,000	11		Consudence Completed	IVA	IN/A
1/6/09	4144 OAKLAND DRIVE	KUW	First Creek	2	Cleanouts	Heavy rainfall in the area resulted in high flows in the collection system.	22,475	11	✓	Construction Completed	N/A	N/A
1/7/09	701 CEDAR LANE	KUW	Second Creek	5	MH 35-4	Blockage - Roots. The sewer main was flushed & area was cleaned.	37,450	26		N/A	BA	3 Months
1/7/09	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	105,000	26	<b>√</b>	Construction Completed	N/A	N/A
2/4/09	8560 WESTLAND DRIVE 2600 WOODSON DRIVE	FC KUW	Fourth Creek South Knoxville	42	Leaking ARV	Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	225 190	0.25	✓	Construction Completed	N/A N/A	N/A N/A
		KUW	Second Creek	44 23	MH 2-1 MH 21-33	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	190 255	0.25		Construction Completed N/A	N/A BA/Grease Control	N/A 6 Months
2/18/09 2/20/09	117 SIXTEENTH AVENUE			33	MH 15	Heavy rainfall in the area resulted in high flows in the collection system.	90	1	<b>✓</b>	Construction Completed	N/A	N/A
2/18/09 2/20/09 3/26/09	117 SIXTEENTH AVENUE 6024 BROOKVALE LANE	FC	Fourth Creek			,						
2/20/09		FC LC	Loves Creek	105	Grinder Pump & BBU BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5		N/A	Repair Completed	N/A
2/20/09 3/26/09 3/26/09 4/16/09	6024 BROOKVALE LANE 1925 ROSEWOOD ROAD 5032 LYONS VIEW PIKE	LC KUW	Loves Creek Third Creek	105 34	Grinder Pump & BBU BBU Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5 510	1.5 6.5		N/A N/A	Repair Completed	N/A
2/20/09 3/26/09 3/26/09 4/16/09 5/8/09	6024 BROOKVALE LANE 1925 ROSEWOOD ROAD 5032 LYONS VIEW PIKE 2305 CLINCH AVENUE	LC KUW KUW	Loves Creek Third Creek Third Creek	105 34 35B	Grinder Pump & BBU BBU Grinder Pump MH 23-27	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	180	6.5		N/A N/A N/A	Repair Completed Repair Completed	N/A N/A
2/20/09 3/26/09 3/26/09 4/16/09 5/8/09	6024 BROOKVALE LANE 1925 ROSEWOOD ROAD 5032 LYONS VIEW PIKE 2305 CLINCH AVENUE 1210 E MOODY AVENUE	LC KUW KUW KUW	Loves Creek Third Creek Third Creek South Knoxville	105 34 35B 40	Grinder Pump & BBU BBU Grinder Pump MH 23-27 MH 39	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	180 540		· ·	N/A N/A N/A Construction Completed	Repair Completed Repair Completed N/A	N/A N/A N/A
2/20/09 3/26/09 3/26/09 4/16/09 5/8/09	6024 BROOKVALE LANE 1925 ROSEWOOD ROAD 5032 LYONS VIEW PIKE 2305 CLINCH AVENUE	LC KUW KUW	Loves Creek Third Creek Third Creek	105 34 35B	Grinder Pump & BBU BBU Grinder Pump MH 23-27	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	180	6.5	·	N/A N/A N/A	Repair Completed Repair Completed	N/A N/A

						Private				Event occurred two or			
D-1-	24.41	Diami	M-1	B !	Our off and I are discu	Property	O of OOO HALD D		D	more times within 12	Law Tama Carital Basis at	Short-Term Controls	DA Och calcile
Date Stree 6/17/09	et # Street 1210 E MOODY AVENUE	Plant KUW	Watershed South Knoxville	Basin 40	Overflow Location MH 39	Location	Cause of SSO/KUB Response  Heavy rainfall in the area resulted in high flows in the collection system.	Volume (Gallons) 51,771	3	months	Long-Term Capital Project  Construction Completed	Blockage Abatement (BA) N/A	BA Schedule N/A
6/26/09	2305 CLINCH AVENUE	KUW	Third Creek	35B	MH 39		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	2.328	0.0166	•	N/A	Repair Completed	N/A
7/1/09	2304 WOODS CREEK ROAD	LC	Loves Creek	105	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	50	1		N/A	Repair Completed	N/A
7/13/09	1210 E MOODY AVENUE	KUW	South Knoxville		MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	254	1	✓	Construction Completed	N/A	N/A
7/22/09	8560 WESTLAND DRIVE	FC	Fourth Creek	42	Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	37	1	✓	Construction Completed	N/A	N/A
7/27/09	2204 HIGHLAND DRIVE	KUW	First Creek	4	MH 11-21		Blockage - Roots. The sewer main was flushed & area was cleaned.	344	1		N/A	BA	3 Months
7/28/09	1210 E MOODY AVENUE	KUW	South Knoxville		MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	180	1	✓	Construction Completed	N/A	N/A
7/31/09	1210 E MOODY AVENUE	KUW	South Knoxville		MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	40	0.5	<b>√</b>	Construction Completed	N/A	N/A
8/6/09 8/12/09	3741 EAKERS STREET 5745 SANDIS LANE	LC	South Knoxville Loves Creek	40 20	MH 47 Broken Force Main		Heavy rainfall in the area resulted in high flows in the collection system.  Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	224 5,240	0.5	· ·	Construction Completed N/A	N/A Repair Completed	N/A N/A
0/12/09	3743 GANDIO EANE	LU	Loves Creek	20	Diokern orce Main		Construction Failule - Dig-III. Force main was repaired a the area was cleaned.	3,240			INA	Repair Completed	19/7
8/12/09	608 VAN STREET	KUW	Second Creek	23	MHs 28-14, 28-1, & 28 and Subsurface		Blockage - Grease. The sewer main was flushed & area was cleaned.	Unknown	Unknown		Construction Completed	BA/Grease Control	N/A
8/24/09	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	100	0.17	✓	Construction Completed	N/A	N/A
9/23/09	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	14,400	8	✓	Construction Completed	N/A	N/A
9/26/09	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8 Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	350	1	<b>✓</b>	Construction Completed	N/A	N/A
9/26/09 9/26/09	961 E FORD VALLEY ROAD 1210 E MOODY AVENUE	KUW	Knob Creek South Knoxville	41	Wetwell MH 40		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	6,000 1,780	2	<b>√</b>	Construction Completed	N/A N/A	N/A N/A
9/26/09	3741 EAKERS STREET	KUW	South Knoxville		MHs 47 & 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	1,760	3	· ·	Construction Completed Construction Completed	N/A N/A	N/A N/A
9/26/09	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	40,000	0.06	✓	Construction Underway	N/A	N/A
9/26/09	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	250,000	0.26	✓	Future Construction Planned	N/A	N/A
9/27/09	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	1,800	1	✓	Construction Completed	N/A	N/A
9/28/09	2706 MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		Blockage - Grease. The sewer main was flushed & area was cleaned.	1,000	1	✓	Future Construction Planned	BA/Grease Control	3 Months
10/15/09	4201 ASHEVILLE HIGHWAY	LC	Loves Creek	20	MH 34-23		Heavy rainfall in the area resulted in high flows in the collection system.	50	0.5	<b>✓</b>	Construction Completed	N/A	N/A
10/16/09 10/20/09	7100 ROTHERWOOD DRIVE 850 TALLY HO DRIVE	FC KUW	Fourth Creek South Knoxville	36 39	MH 33 MH 62-21		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	700 1.870	1.5	*	Construction Completed N/A	N/A BA	N/A 6 Months
12/9/09	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the collection system.	40	0.5	<b>✓</b>	Construction Completed	N/A	N/A
12/9/09	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	480,000	0.45	✓	N/A	Repair Completed	N/A
12/9/09	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		WWTP - Electrical Failure. Electricity was restored.	3,300,000	0.87		Future Construction Planned	Repair Completed	N/A
12/15/09	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>√</b>	Construction Completed	N/A	N/A
12/16/09	4315 CLINTON HIGHWAY	KUW	Second Creek	10	Lateral Cleanout		Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.	4,855	48 Intermittently	,	N/A	Repair Completed	N/A
12/18/09 1/6/10	3410 BORIGHT DRIVE 905 KERMIT DRIVE	KUW	First Creek Second Creek	8	MHs 42 & 43 MH 4-36		Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	3,310 1080	6 1.5	· ·	Construction Underway N/A	BA/Grease Control BA/Grease Control	6 Months 6 Months
1/18/10	229 LYNNWOOD DRIVE	KUW	First Creek	3	MH 2-98		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	130	0.5		N/A	BA/Grease Control	6 Months
1/18/10	1712 POLKWRIGHT LANE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
1/24/10	2414 BERNHURST DRIVE	KUW	First Creek	4	MHs 18-58, 18-54 & 18-53		Blockage - Unknown. The sewer main was flushed & area was cleaned.	5550	10		N/A	BA	6 Months
1/24/10	1109 BIDDLE STREET	KUW	Williams Creek	25	Lateral Cleanout & BBU	BBU	Blockage - Roots. The sewer main was flushed & area was cleaned.	1000	1		N/A	BA	6 Months
1/24/10	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the collection system.	138060	8	<b>✓</b>	Construction Completed	BA	6 Months
1/24/10	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1 & MLSS Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	74000	1.62		Construction Underway	N/A	N/A
1/24/10	5760 SANDIS LANE	LC	Loves Creek	20	Influent Structure		WWTP - Electrical Failure. Electricity was restored.	190000	0.75		N/A	N/A	N/A
1/24/10	304 SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	90	3		Future Construction Planned	BA	6 Months
1/25/10 1/25/10	6621 CLINTON HIGHWAY 1411 DAVANNA STREET	KUW	Third Creek	50 15	Air Release Valve MH 8		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	190 Unknown	2 Unknown	<b>✓</b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
1/25/10	1210 E MOODY AVENUE	KUW	Second Creek South Knoxville		MH 39		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	· ·	Construction Completed  Construction Completed	N/A N/A	N/A N/A
1/25/10	3741 EAKERS STREET	KUW	South Knoxville		MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	· ·	Construction Completed	N/A	N/A
1/25/10	4505 MIDDLEBROOK PIKE	KUW	Third Creek	13	Diversion Structure		Heavy rainfall in the area resulted in high flows in the collection system.	21600	4		Future Construction Planned	N/A	N/A
1/25/10	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	95580	9	<b>✓</b>	Construction Completed	N/A	N/A
1/25/10	7100 ROTHERWOOD DRIVE	FC	Fourth Creek	36	MHs 32, 33, 34 & 36		Heavy rainfall in the area resulted in high flows in the collection system.	41575	36	✓	Construction Completed	N/A	N/A
1/25/10	5546 WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	5	1		N/A	Repair Completed	N/A
1/26/10	4713 OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	3400	12		Future Construction Planned	BA	12 Months
1/27/10 1/27/10	4611 KINGSTON PIKE 4600 UPCHURCH ROAD	KUW	Third Creek First Creek	34 7	Broken Gravity Main MH 45		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1,000 105	1		N/A Construction Completed	Repair Completed N/A	N/A N/A
1/28/10	702 E INSKIP DRIVE	KUW	First Creek	7	MH 29-63		Blockage - Debris. The sewer main was flushed & area was cleaned.	410	1		Construction Completed  Construction Completed	N/A N/A	N/A N/A
2/2/10	2706 MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		Heavy rainfall in the area resulted in high flows in the collection system.	1000	1	<b>✓</b>	Future Construction Planned	BA	6 Months
2/4/10	4025 THORNWOOD ROAD	KUW	Third Creek	13	MH 17-92		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	250	2		N/A	BA/Grease Control	6 Months
2/5/10	2621 BRAGG STREET	KUW	Third Creek	22	MH 21-123		Blockage - Debris. The sewer main was flushed & area was cleaned.	60	1.5		N/A	BA	6 Months
2/5/10	2430 HIGHLAND DRIVE	KUW	First Creek	4	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	2290	1.5		Future Construction Planned	BA	6 Months
2/5/10	2706 MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		Heavy rainfall in the area resulted in high flows in the collection system.	11500	8	✓	Future Construction Planned	BA	6 Months
2/5/10	7104 ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 34		Heavy rainfall in the area resulted in high flows in the collection system.	51015	71	<b>√</b>	Construction Completed	N/A	N/A
2/10/10 2/12/10	800 BENNETT PLACE 8560 WESTLAND DRIVE	FC FC	Fourth Creek Fourth Creek	32B 42	Broken Gravity Main Air Release Valve		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	45900 4130	72 1.5	*	Construction Completed Construction Completed	Repair Completed N/A	N/A N/A
2/12/10	302 LINGBURTON AVENUE	LC	Loves Creek	20	Lateral Cleanout	<del>                                     </del>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	4130	5		N/A	Repair Completed	N/A N/A
2/15/10	100 THIRTEENTH STREET	KUW	Second Creek		Broken Gravity Main	+	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	100	1		N/A	Repair Completed	N/A
2/19/10	6410 S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Construction Completed	N/A	N/A
2/21/10	5713 MILLERTOWN PIKE	LC	Loves Creek	6	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	5	1.5		N/A	Repair Completed	N/A
3/7/10	3403 VALLEY VIEW DRIVE	KUW	First Creek	8	MH 9-86		Blockage - Debris. The sewer main was flushed & area was cleaned.	1590	1.5		N/A	Repair Completed	N/A
3/8/10	1904 SANDERSON ROAD	KUW	Third Creek	28	MH 16-27		Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.	50	1	,	N/A	Repair Completed/BA	6 Months
3/10/10	6024 BROOKVALE LANE	FC	Fourth Creek	33	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.  Vandalism, Blockage was removed & the area was cleaned.	Unknown	Unknown	<b>✓</b>	Construction Completed	N/A	N/A
3/10/10 3/12/10	955 KNOXVILLE COLLEGE DRIVE 4804 BAY STREET	KUW	Third Creek Third Creek	22 13	MH 6-78 MH 34-31	-	Vandalism. Blockage was removed & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	1250 230	1		N/A N/A	BA BA	12 Months 12 Months
3/12/10	2217 MARTIN LUTHER KING JR DRIVE	KUW	First Creek	24	MH 6-152 & Privately Owned MH	+ +	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	530	0.5		N/A N/A	BA BA	6 Months
3/18/10	5732 TENNYSON DRIVE	FC	Fourth Creek	32A	MH 49-182		Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	20,825	168 Intermittently		N/A	BA	6 Months
3/19/10	5218 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	22	3		N/A	Repair Completed	N/A
3/19/10	6549 CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-2		Blockage - Debris. The sewer main was flushed & area was cleaned.	2,030	0.5	✓	N/A	BA	12 Months
3/23/10	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		WWTP - Electrical Failure. Electricity was restored.	50000	0.05		Future Construction Planned	N/A	N/A
4/3/10	5236 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	3		N/A	Repair Completed	N/A
4/9/10	8630 ASHEVILLE HIGHWAY	EB	Eastbridge	72	Private Property/BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	950	15	,	N/A	BA	12 Months
4/10/10 4/17/10	5246 BENT RIVER BOULEVARD 5105 BALL ROAD	FC KUW	Fourth Creek	43 49	Grinder Pump Broken Force Main		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	5 72675	3	<b>√</b>	N/A N/A	Repair Completed Repair Completed	N/A N/A
4/17/10	5011 KINGSTON PIKE	FC	Third Creek Fourth Creek	34	MH 58		Broken System - Brotruding Lateral. The lateral was repaired & the area was cleaned.	290	1.4		Construction Completed	N/A	N/A N/A
4/30/10	6712 DEANE HILL DRIVE	FC	Fourth Creek	36	MH 3-176		Broken System - Profuding Lateral. The nateral was repaired & the area was cleaned.  Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.	4320	1.4		N/A	Repair Completed	N/A N/A
5/3/10	601 ARTHUR STREET	KUW	Second Creek	23	MH 19-132	+	Blockage - Grease. The sewer main was flushed & area was cleaned.	360	2		N/A	BA/Grease Control	6 Months
5/3/10	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the collection system.	4200	2.25	<b>✓</b>	Construction Completed	BA	6 Months
5/3/10	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	3600	3	✓	Construction Completed	N/A	N/A
5/3/10	1210 E MOODY AVENUE	KUW	South Knoxville		MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	750	5	<b>V</b>	Construction Completed	N/A	N/A
E10140	3741 EAKERS STREET	KUW	South Knoxville		MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	450	2.5	<b>√</b>	Construction Completed	N/A	N/A
5/3/10	5816 HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4 and BBU	BBU	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	940	1.5	,	N/A N/A	Repair Completed/BA Repair Completed	12 Months
5/3/10							Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	3	✓			N/A
5/3/10 5/6/10	5246 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump				1				
5/3/10		FC KUW KUW	Fourth Creek Third Creek First Creek	11 3	MH 11-229  Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	50 18	1 2		N/A N/A	BA/Grease Control BA/Grease Control	6 Months 6 Months

					Private				Event occurred two or			
Date S	Street # Street	Plant	Watershed	Basin	Overflow Location Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
5/19/10	906 STEWART STREET	KUW	Second Creek	23	MH 35-56	Blockage - Debris. The sewer main was flushed & area was cleaned.	35	1	monuto	N/A	BA	6 Months
5/20/10	410 HASTINGS LANE	FC	Fourth Creek	33	MH 32-48	Blockage - Roots. The sewer main was flushed & area was cleaned.	200	1		N/A	BA	6 Months
5/23/10 6/10/10	1312 CASSELL DRIVE 6310 ROBERTS ROAD	KUW EB	Second Creek	10 111	MH 14-101 Broken Force Main	Blockage - Grease. The sewer main was flushed & area was cleaned.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	200 150	1	· ·	N/A N/A	BA/Grease Control	6 Months N/A
6/18/10	5246 BENT RIVER BOULEVARD	FC	Eastbridge Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	11	3	<b>✓</b>	N/A N/A	Repair Completed Repair Completed	N/A N/A
6/25/10	5660 COLONIAL CIRCLE	KUW	First Creek	3	MH 14-2	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	5,600	12		N/A	BA/Grease Control	12 Months
6/28/10	2911 JERSEY AVENUE	KUW	Third Creek	29	MH 8-30	Blockage - Roots. The sewer main was flushed & area was cleaned.	3,200	24		Construction Completed	BA Barrie Orangiata d	3 Months
7/5/10 7/11/10	3808 W BLOUNT AVENUE 415 FORESTAL DRIVE	KUW	South Knoxville First Creek	39	Broken Sewer Lateral MH 7-91	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	13000 200	24		N/A N/A	Repair Completed BA/Grease Control	N/A 6 Months
7/13/10	4605 CROSBY DRIVE	KUW	Third Creek	28	Lateral Cleanout	Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	1450	2		N/A	BA/Grease Control	6 Months
7/15/10	2201 HIGHLAND AVENUE	KUW	Third Creek	29	MH 9-29	Blockage - Debris. The sewer main was flushed & area was cleaned.	100	1		N/A	BA	12 Months
7/25/10	5363 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	200	4		N/A	Repair Completed	N/A
7/28/10 7/29/10	8530 CROSSWIND LANDING LANE 720 WOODVIEW DRIVE	EB KUW	Eastbridge Second Creek	110 5	Wetwell MH 35-2	Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.  Blockage - Roots, The sewer main was flushed & area was cleaned.	3000	5		N/A N/A	Repair Completed BA	N/A 6 Months
8/3/10	2636 MARYVILLE PIKE	KUW	South Knoxville		MH 10-2	Vandalism - Bypass Pump Vandalized. Pump was repaired & the area was cleaned.	60	0.15		N/A	Repair Completed	N/A
8/3/10	2641 MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	4		N/A	Repair Completed	N/A
8/9/10	6401 OLD VALLEY ROAD	KUW	South Knoxville		MH 67-3	Blockage - Debris. The sewer main was flushed & area was cleaned.	35	3		N/A	BA	6 Months
8/12/10 8/16/10	4351 FALCONITE WAY 1104 MCCALLA AVENUE	KUW	Third Creek First Creek	13 24	MH 10 MH 11-1	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	7500 1000	24		N/A N/A	Repair Completed Repair Completed	N/A N/A
8/16/10	2706 MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3	Blockage - Grease. The sewer main was flushed & area was cleaned.	50	1	✓	Future Construction Planned	BA/Grease Control	6 Months
8/16/10	815 S CENTRAL STREET	KUW	First Creek	30	MH 3-7	Heavy rainfall in the area resulted in high flows in the collection system.	250	0.5		Future Construction Planned	N/A	N/A
8/26/10	800 BENNETT PLACE	FC	Fourth Creek	32B	Broken Gravity Main	Blockage - Debris. The sewer main was flushed & area was cleaned.	7750	24	<b>✓</b>	Construction Completed	Repair Completed	N/A
8/27/10 8/30/10	1700 EVENING SHADE LANE 5307 BENT RIVER BOULEVARD	FC FC	Fourth Creek Fourth Creek	37 43	Broken Force Main Grinder Pump	Broken System - Broken Force Main. Force main was repaired & the area cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	10 15	3	<b>✓</b>	N/A N/A	Repair Completed Repair Completed	N/A N/A
9/6/10	8083 KINGSTON PIKE	FC	Fourth Creek	32	MH 9-4	Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	24000	48	-	N/A	Repair Completed	N/A
9/11/10	1408 ADAIR DRIVE	KUW	First Creek	7	MH 26	Heavy rainfall in the area resulted in high flows in the collection system.	60	1		Construction Completed	N/A	N/A
9/11/10	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	1000	1	<b>V</b>	Construction Completed	N/A	N/A
9/12/10 9/26/10	5915 NEUBERT SPRINGS ROAD 906 BATHURST ROAD	KUW FC	Knob Creek Fourth Creek	41 32	Unnamed MH at Facility MH 4-23	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Blockage - Roots, The sewer main was flushed & area was cleaned.	294000	3.5	<b>√</b>	Construction Completed Construction Completed	N/A BA	N/A 12 Months
10/25/10	4509 PAPERMILL DRIVE	KUW	Third Creek	28	MH 4-23 MH 31	Blockage - Pools. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	500	0.5		N/A	BA	6 Months
11/1/10	5415 HOLSTON DRIVE	LC	Loves Creek	20	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	170	1.5		N/A	Repair Completed	N/A
11/17/10	5307 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2.5	<b>√</b>	N/A	Repair Completed	N/A
11/30/10 11/30/10	3410 BORIGHT DRIVE 2536 CECIL AVENUE	KUW	First Creek First Creek	8 18	MHs 45, 44, 43, 42, 41, 40 and 39 MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	12750 17250	8	✓ ✓	Construction Underway  Construction Completed	BA BA	6 Months 6 Months
11/30/10	2530 CECIL AVENUE 2541 FAIR DRIVE	KUW	First Creek	4	MH 20-2	Heavy rainfall in the area resulted in high flows in the collection system.	150	1	•	Future Construction Planned	N/A	N/A
11/30/10	1908 JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	180	3	✓	Construction Completed	N/A	N/A
11/30/10	2600 WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	2150	3		Construction Completed	N/A	N/A
12/1/10	5246 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	2	1	<b>√</b>	N/A	Repair Completed	N/A
12/1/10 12/1/10	1411 DAVANNA STREET 3741 EAKERS STREET	KUW	Second Creek South Knoxville	15 40	MH 8 MH 47	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	4700 1500	3	•	Construction Completed Construction Completed	N/A N/A	N/A N/A
12/1/10	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1840000	11.5		Construction Underway	N/A	N/A
12/3/10	100 LEBANON STREEET	KUW	Third Creek	34	Private Manhole	Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.	40	2		N/A	Repair Completed	N/A
12/3/10	1216 WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9	Heavy rainfall in the area resulted in high flows in the collection system.	1000	3		Construction Completed	BA	6 Months
12/13/10 12/26/10	5332 BENT RIVER BOULEVARD 1725 LOVES CREEK ROAD	FC LC	Fourth Creek Loves Creek	43 6	Grinder Pump MH 48-3	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	30 180	4 2		N/A N/A	Repair Completed BA	N/A 6 Months
12/31/10	2204 HIGHLAND DRIVE	KUW	First Creek	4	Broken Gravity Main	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	450	2		N/A	Repair Completed	N/A
1/1/2011	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	5,630	3	✓	Construction Completed	N/A	N/A
1/1/2011	5011 KINGSTON PIKE	FC	Fourth Creek	34	MH 58	Heavy rainfall in the area resulted in high flows in the collection system.	600	3	<b>√</b>	Construction Completed	N/A	N/A
1/1/2011	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1 & MLSS Wetwell Lateral Cleanouts at 2522, 2524, 2526 &	Heavy rainfall in the area resulted in high flows in the collection system.	380,000	2.82	<b>V</b>	Construction Underway	N/A	N/A
1/7/2011	2526 E FIFTH AVENUE	KUW	Williams Creek	19	2528 E. Fifth Avenue	Blockage - Grease. The sewer main was flushed & area was cleaned.	900	2		N/A	BA/Grease Control	12 Months
1/7/2011	5915 NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	Unnamed MH at Facility	Heavy rainfall in the area resulted in high flows in the collection system.	224,000	4.4	✓	Construction Completed	N/A	N/A
1/8/2011	2726 WILSON AVENUE	KUW	Williams Creek		MH 8-1	Blockage - Grease. The sewer main was flushed & area was cleaned.	760	1.5		N/A	BA/Grease Control	12 Months
1/12/2011	3922 NERVA ROAD 5405 GREEN VALLEY DRIVE	LC KUW	Second Creek Loves Creek	10 26	MH 17-78 Air Release Valve	Blockage - Grease. The sewer main was flushed & area was cleaned.  Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	300 20	1 0.5	_	N/A Construction Completed	BA/Grease Control N/A	6 Months N/A
1/24/2011	5926 ANTIGUA LANE	KUW	Third Creek	11	MH 22-11	Broken System - Offset Joint. The sewer main was repaired & the area was cleaned.	500	5	•	N/A	Repair Completed	N/A
1/24/2011	500 MIMOSA AVENUE	KUW	South Knoxville		MH 1-85	Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.	10,000	5		N/A	Repair Completed	N/A
1/25/2011	5235 BENT RIVER BOULEVARD 117 SIXTEENTH STREET	FC KUW	Fourth Creek Second Creek	43 23	Broken Gravity Main MH 21-33	Broken System - Broken Force Main. Force main was repaired & the area cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10 700	1.5		N/A N/A	Repair Completed Repair Completed	N/A N/A
1/27/2011	3914 ROBERTS ROAD	EB	Eastbridge	113	Abandoned Air Release Valve	Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	375	2		N/A	Repair Completed	N/A
1/31/2011	4216 VALENCIA ROAD	KUW	Third Creek	38	MH 49-9	Blockage - Roots. The sewer main was flushed & area was cleaned.	65	2		N/A	BA	6 Months
2/6/2011	1908 EDGEWOOD AVENUE	KUW		16	Water Meter Well	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	180	1		N/A	Repair Completed	N/A
2/15/2011	3413 KINGSTON PIKE 6140 KIRBURY LANE	KUW FC	Third Creek Fourth Creek	29 33	Temporary Sewer Main MH 65-19	Construction Failure - A failed connection on a temporary system was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	25 10	1		Construction Completed N/A	N/A BA	N/A 12 Months
2/15/2011	2236 MARTIN LUTHER KING JR DRIVE	KUW	First Creek	24	MH 6-154	Blockage - Grease. The sewer main was flushed & area was cleaned.	30	1		N/A	BA/Grease Control	6 Months
2/16/2011	5720 ASHEVILLE HIGHWAY	LC	Loves Creek	20	MH 11-3	Blockage - Roots. The sewer main was flushed & area was cleaned.	2,300	3		N/A	Repair Completed	N/A
2/16/2011	604 BEN HUR AVENUE	KUW	Williams Creek		Abandoned Lateral Cleanout	Blockage - Debris. The sewer main was flushed & area was cleaned.	500	1.5		N/A	BA Control	6 Months
2/16/2011	512 FLENNWOOD WAY 850 TALLY HO DRIVE	KUW	South Knoxville South Knoxville		MH 61 MH 62-21	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	3,200 150	3		N/A N/A	BA/Grease Control BA/Grease Control	6 Months 9 Months
2/23/2011	1932 OLD AMHERST ROAD	FC	Fourth Creek	27	Lateral Cleanout	Blockage - Grease. The sewer main was flushed & area was cleaned.	3,000	4	_	Construction Completed	BA/Grease Control	12 Months
2/23/2011	6505 VINTAGE DRIVE	KUW	Third Creek	11	MH 48-38	Blockage - Debris. The sewer main was flushed & area was cleaned.	150	1		N/A	BA	12 Months
2/24/2011	1204 PICKWICK ROAD	LC	Loves Creek	26	Lateral Cleanout	Blockage - Grease. The sewer main was flushed & area was cleaned.	30	1		N/A	BA/Grease Control	12 Months
2/25/2011	1124 DELAWARE AVENUE	KUW	Second Creek	15	MH 21-53	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	500	2		N/A	BA/Grease Control	6 Months
2/28/2011	3218 AVONDALE AVENUE	KUW	First Creek	8	MH 22-33, Broken Lateral & BBU at 3218 & 3220 Avondale Avenue BBU	Blockage - Grease. The sewer main was flushed & area was cleaned.	1.500	3		N/A	BA/Grease Control	12 Months
2/28/2011	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.	410,000	3	✓	Construction Completed	N/A	N/A
2/28/2011	2500 CEDAR LANE	KUW	First Creek	4	MH 22-13	Heavy rainfall in the area resulted in high flows in the collection system.	500	1	,	Future Construction Planned	N/A	N/A
2/28/2011 2/28/2011	1411 DAVANNA STREET 113 DRINNEN AVENUE	KUW	Second Creek South Knoxville	15 39	MH 8 MHs 28-26 & 28-27	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	5,800,000 600	4	<b>√</b>	Construction Completed	N/A N/A	N/A N/A
2/28/2011	1127 E MOODY AVENUE	KUW	South Knoxville		MHS 28-26 & 28-27 MH 40-3	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	600	2		Construction Completed Construction Completed	N/A N/A	N/A N/A
2/28/2011	4014 HOLSTON HILLS ROAD	LC	Loves Creek	26	MHs 72 &75	Heavy rainfall in the area resulted in high flows in the collection system.	295,000	3	✓	Future Construction Planned	N/A	N/A
2/28/2011	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	590,000	5.75	✓	Construction Underway	N/A	N/A
2/28/2011	4800 MALONEYVILLE ROAD	EB	Eastbridge	109	Bar Screen	Heavy rainfall in the area resulted in high flows in the collection system.	3,750	1.25		Construction Completed	BA N/A	3 months
2/28/2011 2/28/2011	2640 MORGAN CIRCLE 2004 NEYLAND DRIVE	KUW	Third Creek Second Creek	35B 35A	MH 4-19 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1,500 360,000	0.5	<b>✓</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
2/28/2011	923 OAKLETT DRIVE	KUW	Second Creek		Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	9,000	1.5		Construction Completed	N/A N/A	N/A
2/28/2011	2008 RIVERSIDE DRIVE	KUW	Williams Creek	25	MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	720,000	4	✓	Future Construction Planned	N/A	N/A
2/28/2011	815 S CENTRAL STREET	KUW	First Creek	30	MH 3-7	Heavy rainfall in the area resulted in high flows in the collection system.	100	8		Future Construction Planned Construction Completed	N/A N/A	N/A
4//0//011	2102 WASHINGTON AVENUE 3814 WOODLAKE DRIVE	KUW	First Creek First Creek	24	MH 25-114 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	190,000 400	4	<b>√</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
		I/O//		-								
2/28/2011 3/1/2011	3741 EAKERS STREET	KUW	South Knoxville	40	MH 47	Heavy rainfall in the area resulted in high flows in the collection system.	67,500	3	✓	Construction Completed	N/A	N/A

Date St	treet # Street	Plant	Watershed	Basin	Overflow Location	Private Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
3/1/2011	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	24,000	2	<b>√</b>	Future Construction Planned	N/A	N/A
3/1/2011 3/1/2011	1940 OLD AMHERST ROAD 2415 TECOMA DRIVE	FC KUW	Fourth Creek First Creek	27 8	MH 22-117 Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	50 60	3	<b>√</b>	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
3/1/2011	411 W BAXTER AVENUE	KUW	Second Creek	23	MH 49		Heavy rainfall in the area resulted in high flows in the collection system.	800,000	4		Construction Completed	N/A	N/A
3/1/2011	7927 W CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-12		Blockage - Debris. The sewer main was flushed & area was cleaned.	50	1		N/A	BA	6 Months
3/2/2011	781 BAGWELL ROAD	LC	Loves Creek	63	Pump Station		Heavy rainfall in the area resulted in high flows in the collection system.	576,000	12		N/A	Repair Completed	N/A
3/2/2011 3/2/2011	3011 E GOV JOHN SEVIER HIGHWAY 5508 GREEN VALLEY DRIVE	LC	Riverdale Loves Creek	65 26	Pump Station Broken Force Main		Heavy rainfall in the area resulted in high flows in the collection system.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	21,600 2,025	1	<b>✓</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
3/2/2011	2430 HIGHLAND DRIVE	KUW	First Creek	4	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	120	2		Future Construction Planned	N/A	N/A
3/2/2011	4600 UPCHURCH ROAD	KUW	First Creek	7	MH 45		Heavy rainfall in the area resulted in high flows in the collection system.	100	2		Construction Completed	N/A	N/A
3/3/2011 3/3/2011	4105 CENTRAL AVENUE PIKE 1216 WATERCRESS DRIVE	KUW	Second Creek First Creek	10 7	MH 17-8 MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	100 50	1	· · · · · · · · · · · · · · · · · · ·	Construction Completed	N/A N/A	N/A N/A
3/4/2011	304 SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	200	1	· ·	Construction Completed Future Construction Planned	N/A	N/A
3/6/2011	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the collection system.	1,500	3	✓	Construction Completed	N/A	N/A
3/7/2011 3/7/2011	4420 ALTA VISTA WAY 6540 CREEKHEAD DRIVE	FC	Third Creek Fourth Creek	38 32A	Broken Gravity Main MH 49-4		Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	13,000 12,200	2		N/A N/A	BA BA	12 Months 12 Months
3/7/2011	243 GILBERT LANE	KUW	South Knoxville		Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	5,000	2		N/A	BA/Grease Control	6 Months
3/9/2011	2536 CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the collection system.	98,000	8	✓	Construction Completed	N/A	N/A
3/9/2011	5405 GREEN VALLEY DRIVE	LC	Loves Creek	26	Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	150	1	<b>✓</b>	Construction Completed	N/A	N/A
3/9/2011 3/10/2011	1500 LYONS BEND ROAD 600 N GALLAHER VIEW ROAD	FC FC	Fourth Creek	37 32A	MH 1 MH 77		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	160,000 468,000	2.38	<b>→</b>	Construction Underway Future Construction Planned	N/A N/A	N/A N/A
3/10/2011	2377 NEYLAND DRIVE	KUW	Third Creek	35B	MH 3		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
3/12/2011	1218 GLADE HILL DRIVE	LC	Loves Creek	32A	MHs 30-50 & 30-52		Blockage - Grease. The sewer main was flushed & area was cleaned.	670 5	2.5		N/A	BA/Grease Control	12 Months
3/12/2011 3/13/2011	1712 POLKWRIGHT LANE 1716 POLKWRIGHT LANE	FC FC	Fourth Creek Fourth Creek	37 37	Grinder Pump Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A N/A	Repair Completed Repair Completed	N/A N/A
3/17/2011	6410 S NORTHSHORE DRIVE	KUW	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
3/19/2011	123 INGERSOLL AVENUE	KUW	South Knoxville		Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	12	1	,	N/A	BA	6 Months
3/22/2011 3/24/2011	4713 OLD BROADWAY 409 N BELLEMEADE AVENUE	KUW	First Creek Third Creek	7 28	MHs 2 & 63 MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown 300	Unknown 1	<b>✓</b>	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
3/29/2011	702 REDWINE STREET	KUW	South Knoxville		MH 5		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	100	0.25		N/A	Repair Completed	N/A N/A
4/4/2011	2641 MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	1		N/A	Repair Completed	N/A
4/5/2011 4/6/2011	4228 CROSBY DRIVE 8105 W CLIFF DRIVE	KUW FC	Third Creek Fourth Creek	28 32A	MH 27-3 MH 36-18		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	75 400	2.5		N/A N/A	BA BA	6 Months 6 Months
4/7/2011	3526 BUFFAT MILL ROAD	KUW	First Creek	18	MH 65-19 and BBU	BBU	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	12 Months
4/14/2011	4418 KINGSTON PIKE	KUW	Third Creek	34	Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10	2		N/A	Repair Completed	N/A
4/16/2011	3410 BORIGHT DRIVE	KUW	First Creek	8	MHs 43 & 44		Heavy rainfall in the area resulted in high flows in the collection system.	2,250	4	<b>√</b>	Construction Underway	N/A	N/A
4/16/2011 4/16/2011	2536 CECIL AVENUE 4100 CENTRAL AVENUE PIKE	KUW	First Creek Second Creek	18 10	MH 30-11 MH 17-9		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	24,000 800	5 4	<b>✓</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
4/16/2011	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	1,350	1	· ·	Construction Completed	N/A	N/A
4/16/2011	3741 EAKERS STREET	KUW	South Knoxville	40	MHs 47 & 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	1,900	1	✓	Construction Completed	N/A	N/A
4/16/2011	2544 FAIR DRIVE	KUW	First Creek	4	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	100	1		Future Construction Planned	N/A	N/A
4/16/2011 4/16/2011	1500 LYONS BEND ROAD 600 N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek	37 32A	MH 1 MH 77		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	350,000 264,000	2.82	<b>✓</b>	Construction Underway Future Construction Planned	N/A N/A	N/A N/A
4/16/2011	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	20,000	0.18	✓	Future Construction Planned	N/A	N/A
4/16/2011	4713 OLD BROADWAY	KUW	First Creek	7	MHs 2 & 63		Heavy rainfall in the area resulted in high flows in the collection system.	24,500	3	<b>✓</b>	Future Construction Planned	N/A	N/A
4/16/2011 4/16/2011	2004 RIVERSIDE DRIVE 4421 ROYALVIEW ROAD	KUW	Williams Creek Third Creek	31 11	MH 1-1 MH 11-157		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	2,000 750	1	<b>V</b>	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
4/16/2011	6410 S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	19,000	5	✓	Construction Completed	N/A	N/A
4/17/2011	3814 WOODLAKE DRIVE	KUW	First Creek	1	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	20	1	<b>✓</b>	Construction Completed	N/A	N/A
4/18/2011 4/18/2011	304 SEVENTH AVENUE 5546 WILKERSON ROAD	KUW	First Creek Third Creek	18 9	MH 15 Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	200 50	1	<b>∀</b>	Future Construction Planned N/A	N/A Repair Completed	N/A N/A
4/21/2011	4505 MIDDLEBROOK PIKE	KUW	Third Creek	21	MHs 16-48 & 2 Unnamed Manholes		Heavy rainfall in the area resulted in high flows in the collection system.	72,000	6		Future Construction Planned	N/A	N/A
4/24/2011	3901 BONNIE VIEW AVENUE	LC	Loves Creek	20	MH 74-8		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	50	2		N/A	BA/Grease Control	6 Months
4/28/2011 4/28/2011	3741 EAKERS STREET 1500 LYONS BEND ROAD	FC	South Knoxville Fourth Creek	40 37	MHs 47 & 47-103 MH 1		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	100 680,000	5.82	<b>V</b> ✓	Construction Completed Construction Underway	N/A N/A	N/A N/A
4/28/2011	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	36,000	3	✓	Future Construction Planned	N/A	N/A
4/28/2011	6410 S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	8,700	1	<b>✓</b>	Construction Completed	N/A	N/A
4/28/2011 4/28/2011	304 SEVENTH AVENUE 237 W SCOTT AVENUE	KUW	First Creek Second Creek	18 15	MH 15 MH 9		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1,000	1	· ·	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
4/28/2011	5546 WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	N/A	Repair Completed	N/A
4/29/2011	1704 POLKWRIGHT LANE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.25		N/A	Repair Completed	N/A
4/29/2011 5/2/2011	6928 WESTLAND DRIVE 3604 HILLVALE CIRCLE	KUW	Fourth Creek Third Creek	36 38	Broken Gravity Main MH 1-115		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	57,000 100	6		N/A Construction Completed	Repair Completed N/A	N/A N/A
5/9/2011	2639 LOUISE AVENUE	KUW	Williams Creek		MH 5-1		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	540,000	24		N/A	BA/Grease Control	12 Months
5/9/2011	1728 POLKWRIGHT LANE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
5/10/2011	2524 JACOB DRIVE	KUW	Third Creek	35B	MH 4-9		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	2,000	2		N/A	Repair Completed	N/A
5/11/2011 5/15/2011	5356 BENT RIVER BOULEVARD 5715 ELDRIDGE ROAD	FC KUW	Fourth Creek First Creek	43 3	Grinder Pump  Lateral Cleanout		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	5 125	1 2	+	N/A N/A	Repair Completed BA	N/A 12 Months
5/25/2011	1917 CHEROKEE BOULEVARD	KUW	Third Creek	38	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
6/2/2011	1216 GLENOAKS DRIVE	KUW	First Creek	7	Lateral Cleanout		Blockage - Roots, Grease, and Debris. The sewer main was flushed & area was cleaned.	30	1		N/A	BA/Grease Control	12 Months
6/6/2011 6/6/2011	2305 CLINCH AVENUE 114 TILLERY DRIVE	KUW	Third Creek Second Creek	35B 10	MH 39 MH 16-1		Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Sag. The sewer main was repaired & the area was cleaned.	750 15,000	5		N/A Construction Completed	BA N/A	12 Months N/A
6/7/2011	814 W FOURTH AVENUE	KUW	Second Creek	23	MH 19-189		Blockage - Debris. The sewer main was flushed & area was cleaned.	5,550	1.5		N/A	BA	12 Months
6/11/2011	4304 ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	1	✓	N/A	Repair Completed	N/A
6/14/2011	2010 E FIFTH AVENUE	KUW	First Creek	24	Broken Gravity Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	7,800	2.5		N/A	Repair Completed	N/A
6/17/2011 6/24/2011	961 E FORD VALLEY ROAD 3621 BORIGHT DRIVE	KUW	Knob Creek First Creek	41 8	Wetwell MH 45		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	200 400	0.16		Construction Completed Construction Underway	N/A N/A	N/A N/A
6/24/2011	1411 DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	· ·	Construction Completed	N/A N/A	N/A
6/24/2011	1722 POLKWRIGHT LANE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.08		N/A	Repair Completed	N/A
6/24/2011 6/25/2011	1216 WATERCRESS DRIVE 304 SEVENTH AVENUE	KUW	First Creek First Creek	7 18	MH 29-9 MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	60 200	1	<b>✓</b>	Construction Completed Future Construction Planned	N/A N/A	N/A N/A
6/29/2011	4014 HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 15 MH 72		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	200	1	· ·	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
6/29/2011	5014 JACKSBORO PIKE	KUW	First Creek	4	MH 13-101		Heavy rainfall in the area resulted in high flows in the collection system.	200	1		Future Construction Planned	N/A	N/A
7/2/2011	5936 MONTINA ROAD	KUW		9	MHs 17-212 & 17-210		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,300	4		N/A	BA BA/Crassa Control	12 Months
7/7/2011 7/7/2011	800 GRAVES STREET 2004 RIVERSIDE DRIVE	KUW	Williams Creek Williams Creek		MH 31 MH 1-1		Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	500 1,000	1	<b>✓</b>	N/A Future Construction Planned	BA/Grease Control N/A	3 Months N/A
7/11/2011	1313 ADAIR DRIVE	KUW	First Creek	7	MH 28-1		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<u> </u>	Construction Completed	N/A N/A	N/A
7/13/2011	719 E LAKE FOREST DRIVE	KUW	Knob Creek	41	Lateral Cleanout and BBU	BBU	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	225	0.083		N/A	Repair Completed	N/A
7/20/2011	1912 CUMBERLAND AVENUE 5241 BENT RIVER BOULEVARD	KUW FC	Third Creek Fourth Creek	35B 43	Lateral Cleanout Grinder Pump		Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	150 5	4		N/A N/A	Repair Completed Repair Completed	N/A N/A
7/23/2011	OZT HOLINI INVER DUULEVARU	FC					· · · · · · · · · · · · · · · · · · ·	1,000	1	1			N/A N/A
7/23/2011 8/3/2011		KUW	Knob Creek	41	Broken Force Main	1	Broken System - Broken Force Main, Force main was renaired & the area cleaned				N/A	Repair Completed	
7/23/2011 8/3/2011 8/4/2011	5910 MEADOW OAKS LANE 701 WORLDS FAIR PARK DRIVE	KUW	Knob Creek Second Creek	41 23	Broken Force Main MH 19-9		Broken System - Broken Force Main. Force main was repaired & the area cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	300	2		N/A Construction Completed	Repair Completed N/A	N/A

						Private				Event occurred two or			
	reet # Street	Plant	Watershed	Basin	Overflow Location	Property Location	Cause of SSO/KUB Response	, ,	Duration (Hours)	more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
8/22/2011 8/24/2011	1134 FERD HICKEY ROAD 5247 BENT RIVER BOULEVARD	FC FC	Fourth Creek Fourth Creek	43	MH 30-39 Grinder Pump		Blockage - Roots. The sewer main was flushed & area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	2,000 5	1		N/A N/A	BA Repair Completed	12 Months N/A
9/1/2011 9/5/2011	6235 RUTLEDGE PIKE 1308 ADAIR DRIVE	LC KUW	Loves Creek First Creek	105	Grinder Pump & BBU  Lateral Cleanout	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	20 500	1 5		N/A Construction Completed	Repair Completed N/A	N/A N/A
9/5/2011	1903 JEFFERSON AVENUE	KUW	First Creek	24	MH 25-18 & Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	2,700	5	✓	Construction Completed	N/A	N/A
9/5/2011 9/6/2011	1500 LYONS BEND ROAD 5011 KINGSTON PIKE	FC KUW	Fourth Creek Third Creek	37 34	MH 1 MH 58		Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	1,240,000 2,000	17.35 5	<b>→</b>	Construction Underway Construction Completed	N/A BA	N/A 6 Months
9/6/2011	6410 S NORTHSHORE DRIVE	FC	Fourth Creek		MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	13,000	1	<b>√</b>	Construction Completed	N/A	N/A
9/7/2011 9/9/2011	2111 MOHAWK AVENUE 5246 BENT RIVER BOULEVARD	KUW FC	Williams Creek Fourth Creek		MH 4-2 Grinder Pump		Blockage - Grease. The sewer main was flushed & area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	5,400 8	12	<b>√</b>	N/A N/A	BA/Grease Control Repair Completed	12 Months N/A
9/9/2011 10/1/2011	1216 WATERCRESS DRIVE 206 HILLVIEW AVENUE	KUW LC	First Creek Loves Creek	7	MH 29-9 MH 29-145 & Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Roots. The sewer main was flushed & area was cleaned.	50 500	1	✓	Construction Completed N/A	N/A BA	N/A 12 Months
10/1/2011	4304 ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	0.5	✓	N/A	Repair Completed	N/A
10/3/2011 10/17/2011	1915 LYONS BEND ROAD 4304 ROBERTS ROAD	FC EB	Fourth Creek Eastbridge	43 113	Grinder Pump Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	0.5 0.25		N/A N/A	Repair Completed Repair Completed	N/A N/A
10/21/2011	5401 MONTCREST ROAD	KUW	First Creek	4	MH 35-25		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	1	•	N/A	Repair Completed	N/A
11/2/2011 11/5/2011	409 N WINSTON ROAD 846 HANSMORE PLACE	FC FC	Fourth Creek Fourth Creek	32B 36	MH17-1 MH 3-325		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	50 100	3		N/A N/A	Repair Completed BA	N/A 12 Months
11/6/2011 11/12/2011	1708 PINETREE LANE 1017 ANDES ROAD	FC	Fourth Creek	32A	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	62,000	72 Intermittently		N/A N/A	BA/Grease Control	12 Months
11/16/2011	1908 JEFFERSON AVENUE	LC KUW	Loves Creek First Creek	26 24	MH 72-152 Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	250 50	1	✓	Construction Completed	BA/Grease Control N/A	12 Months N/A
11/16/2011 11/17/2011	1216 WATERCRESS DRIVE 1919 TENNESSEE AVENUE	KUW	First Creek Third Creek	7 22	MH 29-9 2 Lateral Cleanouts		Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	200 900	1 2	✓	Construction Completed N/A	N/A RA	N/A 12 Months
11/22/2011	2885 TAZEWELL PIKE	KUW	First Creek	8	Unnamed MH		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	1,500	2		N/A	Repair Completed	N/A
11/23/2011 11/23/2011	5405 LANCE DRIVE 5525 LONAS DRVIE	KUW	Third Creek Fourth Creek	21 27	MH 10-85 MH 9-21		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	300 40	3		N/A N/A	BA/Grease Control	6 Months 6 Months
11/26/2011	2520 WOODLAND RESERVE LANE	FC	Fourth Creek		Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	200	2		N/A N/A	Repair Completed	N/A
11/28/2011	2110 ATCHLEY STREET	KUW			MH 1-80 MH 1		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	100 398.650	2	<b>√</b>	N/A	Repair Completed	N/A
11/28/2011 11/28/2011	1500 LYONS BEND ROAD 1216 WATERCRESS DRIVE	FC KUW	Fourth Creek First Creek	37 7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	150	6.42	<b>→</b>	Construction Underway Construction Completed	N/A N/A	N/A N/A
12/4/2011 12/4/2011	520 CHEROKEE BOULEVARD 3319 FOUNTAIN PARK BOULEVARD	KUW	Third Creek First Creek	38 18	Broken Gravity Main MH 72		Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	3,500 325	1 4.5		N/A N/A	BA/Grease Control	12 Months 12 Months
12/10/2011	621 MILLIGAN STREET	KUW	Williams Creek	19	Grinder Pump		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	10	1		N/A	Repair Completed	N/A
12/10/2011 12/13/2011	5209 MURPHY ROAD 1300 ALCOA HIGHWAY	KUW		2 35B	Grinder Pump & BBU MH 18-3	BBU	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	30 650	2		N/A N/A	Repair Completed BA	N/A 12 Months
12/24/2011	5347 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
12/29/2011 12/31/2011	300 E COLUMBIA AVENUE 3602 E KESTERWOOD DRIVE	KUW	Second Creek First Creek	15 4	Lateral Cleanout  Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	25 375	1 2		Construction Completed Construction Completed	N/A N/A	N/A N/A
1/1/2012	5355 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	15	2		N/A	Repair Completed	N/A
1/3/2012 1/15/2012	4534 OLD KINGSTON PIKE 8560 WESTLAND DRIVE	KUW FC	Third Creek Fourth Creek	34 42	Bypass System Force Main Valve		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.  Broken System - Force Main Valve Leak. The valve was repaired & the area was cleaned.	50 1,800	0.1 2.5	✓	Construction Completed N/A	Repair Completed Repair Completed	N/A N/A
1/23/2012	1908 JEFFERSON AVENUE	KUW	First Creek	24	Jefferson Ave		Heavy rainfall in the area resulted in high flows in the collection system.	150	0.5	✓	Construction Completed	N/A	N/A
1/23/2012 1/23/2012	2848 LONDON CIRCLE 1500 LYONS BEND ROAD	KUW FC	First Creek Fourth Creek	18 37	MH 40 MH 1		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	750 40.000	4 0.08		N/A Construction Underway	Repair Completed N/A	N/A N/A
1/23/2012	1216 WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	1,000	2	✓	Construction Completed	N/A	N/A
1/23/2012 1/24/2012	3148 WILDERNESS ROAD 3741 EAKERS STREET	KUW	First Creek South Knoxville	18	MH 51 & 52 MH 47		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	3,000 Unknown	4 Unknown	<b></b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
1/25/2012						- DDII		205				BA	
1/29/2012	310 KENSI DRIVE 612 VIEW PARK DRIVE	KUW	Second Creek Knob Creek	10 41	Lateral Cleanout & BBU at 312 Kensi Driv MH 97-44	re BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	325 25	3		N/A N/A	BA BA	6 Months 6 Months
1/31/2012	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Dewatering Containment		Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.	25	0.25		N/A	Repair Completed	N/A
2/2/2012 2/7/2012	7218 WASHINGTON PIKE 4505 MIDDLEBROOK PIKE	EB KUW	Eastbridge Third Creek	109	Grinder Pump  Dewatering Containment		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.	30 150	1.5 0.1		N/A N/A	Repair Completed Repair Completed	N/A N/A
2/8/2012	736 GREENMEADOWS DRIVE	KUW	Knob Creek	41	MH 24-1		Blockage - Grease. The sewer main was flushed & area was cleaned.	250	8		N/A	BA/Grease Control	12 Months
2/8/2012 2/9/2012	5760 SANDIS LANE 1613 WANDERING ROAD	LC KUW	Loves Creek Third Creek	20 13	Broken Force Main MH 52-3		Broken System - Broken Force Main. Force main was repaired & the area cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	7,000 200	3		N/A N/A	Repair Completed BA/Grease Control	N/A 12 Months
2/15/2012	1421 N BROADWAY 2715 MARYVILLE PIKE	KUW	First Creek	18	MH 3-25		Blockage - Grease. The sewer main was flushed & area was cleaned.	265	1.5		N/A	BA/Grease Control	6 Months
2/23/2012 2/28/2012	5356 BENT RIVER BOULEVARD	KUW FC	Knob Creek Fourth Creek	45 43	Grinder Pump Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	60 10	1.5	✓	N/A N/A	Repair Completed Repair Completed	N/A N/A
3/1/2012 3/7/2012	1125 MONTVIEW ROAD 1500 LYONS BEND ROAD	LC FC	Loves Creek Fourth Creek		MH 65-131 MH 1		Blockage - Roots. The sewer main was flushed & area was cleaned.  WWTP - Electrical Failure. Electricity was restored.	60 97,300	1 0.45		N/A N/A	BA Repair Completed	12 Months N/A
3/7/2012	312 NINETEENTH AVENUE	KUW	Third Creek	29	Floor Drain and BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	35	0.45	•	N/A	BA	9 Months
3/7/2012 3/9/2012	620 W HILL AVENUE 8537 ASHEVILLE HIGHWAY	KUW EB	First Creek Eastbridge	30 72	Unnamed MH MH 21-16		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	800 400	8		N/A N/A	Repair Completed BA	N/A 12 Months
3/10/2012	4901 BALL CAMP PIKE	KUW	Third Creek	12	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,500	4.5		N/A	BA	9 Months
3/12/2012 3/13/2012	1711 TRANSPORT WAY 929 KEOWEE AVENUE	LC KUW	Loves Creek Third Creek	105 38	Grinder Pump Broken Gravity Main		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Construction Failure by Customer - Dig-In. A section sewer main was repaired & the area was cleaned.	900	0.25 24		N/A N/A	Repair Completed Repair Completed	N/A N/A
3/30/2012	5363 BENT RIVER BOULEVARD	FC	Fourth Creek		Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.75		N/A	Repair Completed	N/A
3/31/2012 4/2/2012	5218 BENT RIVER BOULEVARD 1909 JEFFERSON AVENUE	FC KUW	Fourth Creek First Creek	43 24	Grinder Pump Lateral Cleanout		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	5 40	0.5	<b></b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
4/5/2012	1216 WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	200	2	<b>√</b>	Construction Completed	N/A	N/A
4/7/2012 4/7/2012	1925 AILOR AVENUE 2304 WOODS CREEK ROAD	KUW	Third Creek Loves Creek	29 105	Lateral Cleanout Grinder Pump		Blockage - Debris. The sewer main was flushed & area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	200 5	1		N/A N/A	BA Repair Completed	12 Months N/A
4/9/2012	5603 SUMMER GROVE LANE	FC	Fourth Creek		MH 19-63		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	1		N/A	BA	12 Months
4/28/2012 4/28/2012	1816 STERCHI STREET 6532 WESTSIDE DRIVE	KUW FC	Third Creek Fourth Creek	22 32A	MH 11-44 MH 49-5		Blockage - Debris. The sewer main was flushed & area was cleaned.  Vandalism. Blockage was removed & the area was cleaned.	30 66,000	1 5	<b>→</b>	N/A N/A	BA Repair Completed	6 Months N/A
5/3/2012	2010 CUMBERLAND AVENUE	KUW	Third Creek	35B	Unconnected Lateral		Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	50	1.5		N/A	Repair Completed	N/A
5/10/2012 5/12/2012	3560 TALAHI DRIVE 403 W OLDHAM AVENUE	KUW	Third Creek Second Creek	38 15	Lateral Cleanout Unnamed Manhole		Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	400 47,000	3 4		N/A N/A	BA Repair Completed	9 Months N/A
5/14/2012	4600 UPCHURCH ROAD	KUW	First Creek	7	MH 45		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Construction Completed	N/A	N/A
5/14/2012 5/15/2012	1216 WATERCRESS DRIVE 2015 NEYLAND DRIVE	KUW	First Creek Third Creek	7 35B	MH 29-9 #2 Digester		Heavy rainfall in the area resulted in high flows in the collection system.  WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	100 100	0.33	<b>✓</b>	Construction Completed N/A	N/A Repair Completed	N/A N/A
5/25/2012	4601 SEMINOLE ROAD	KUW	First Creek	7	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,800	2	✓	Construction Completed	N/A	N/A
6/4/2012 7/1/2012	5412 MAYWOOD ROAD 5745 GOLDENROD CIRCLE	KUW	Third Creek Third Creek	12 11	MHs 20-16 & 20-20 MH 11-20		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	70 100	1 1		N/A N/A	BA/Grease Control BA	6 Months 12 Months
7/3/2012	4800 MALONEYVILLE ROAD 2111 MOHAWK AVENUE	EB KUW	Eastbridge	109			Blockage - Debris. The sewer main was flushed & area was cleaned.	1,800 1,100	1 5	✓ ✓	Construction Completed	N/A	N/A
7/8/2012 7/9/2012	781 BAGWELL ROAD	LC	Loves Creek	63	Broken Force Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	125	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
7/9/2012 7/13/2012	4800 MALONEYVILLE ROAD 914 PINEY GROVE CHURCH ROAD	EB FC	Eastbridge Fourth Creek	109 27			Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	50 2.800	1 3	✓	Construction Completed N/A	N/A BA	N/A 12 Months
7/16/2012	2800 SELMA AVENUE	KUW	Williams Creek	19	MH 2-65		Blockage - Debris. The sewer main was flushed & area was cleaned.	350	1		N/A	BA	12 Months
7/18/2012 7/20/2012	1216 WATERCRESS DRIVE 1620 EDGEWOOD AVENUE	KUW	First Creek First Creek	7 16	MH 29-9 Lateral Cleanout		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.  Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	400 1,000	1	✓	Construction Completed N/A	N/A Repair Completed	N/A N/A
			. AUG STOCK	1 .0	_acorar oroanout		2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	.,,,,,,,,				pan completed	

Date Stree		Plant	Watershed	Basin	Overflow Location	Private Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
7/20/2012 7/22/2012	516 N BEAMAN STREET 3616 KEITH AVENUE	LC KUW	Loves Creek Third Creek	20 39	MH 61-8 MH 15-145		Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	Unknown 50	Unknown	✓	Construction Completed N/A	N/A	N/A 6 Months
8/17/2012	524 BEN HUR AVENUE	KUW	Williams Creek		Broken Lateral & BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A N/A	BA BA	6 Months
8/17/2012	8035 WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump	-	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
9/10/2012	423 BUSBEE ROAD	KUW	South Knoxville		MH 47-94		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	25	2		N/A	Repair Completed	N/A
9/14/2012 9/17/2012	4300 ROBERTS ROAD 4600 CHAPMAN HIGHWAY	EB KUW	Eastbridge South Knoxville	113 39	Grinder Pump MHs 81 & 82		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10 4,900	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
9/18/2012	1309 ADAIR DRIVE	KUW	First Creek	7	MH 28		Heavy rainfall in the area resulted in high flows in the collection system.	2.000	2		Construction Completed	N/A	N/A
9/18/2012	517 BERNARD AVENUE	KUW	Second Creek	23	MHs 98 & 101		Heavy rainfall in the area resulted in high flows in the collection system.	120,000	0.5		N/A	Repair Completed	N/A
9/18/2012	961 E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	97,500	2.5		Construction Completed	N/A	N/A
9/18/2012 9/18/2012	3741 EAKERS STREET 1903 JEFFERSON AVENUE	KUW	South Knoxville First Creek	40 24	MH 47-103 MH 25-18		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	2,000	3	· · · · · · · · · · · · · · · · · · ·	Construction Completed Construction Completed	N/A N/A	N/A N/A
9/18/2012	1500 LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	1,823,600	8.5	· ·	N/A	Repair Completed	N/A
9/18/2012	5915 NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	MH 18-1		Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	90,000	3		N/A	Repair Completed	N/A
9/18/2012	2004 NEYLAND DRIVE	KUW	Second Creek		MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	100,000	0.25	<b>√</b>	Future Construction Planned	N/A	N/A
9/18/2012 9/18/2012	2004 RIVERSIDE DRIVE 6410 S NORTHSHORE DRIVE	KUW FC	Williams Creek Fourth Creek	31 37	MH 1-1 MH 8		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	200,000	6	<b>✓</b>	Future Construction Planned Construction Completed	N/A N/A	N/A N/A
9/18/2012	5760 SANDIS LANE	LC	Loves Creek	20	MH 1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	1,000,800	2		N/A	Repair Completed	N/A
9/19/2012	5219 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump & BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	103	1	✓	N/A	Repair Completed	N/A
9/24/2012	2441 LINDEN AVENUE	KUW	Williams Creek		MH 5-240		Blockage - Grease. The sewer main was flushed & area was cleaned.	250	1		N/A	BA/Grease Control	12 Months
9/25/2012 9/28/2012	5219 BENT RIVER BOULEVARD 4205 DRIFTING DRIVE	FC KUW	Fourth Creek Third Creek	43 13	Grinder Pump & BBU MH 31-19	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	25 200	0.33	<b>✓</b>	N/A N/A	Repair Completed BA/Grease Control	N/A 12 Months
10/1/2012	3902 OAKLAND DRIVE	KUW	First Creek	2	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,100	1		N/A	BA	6 Months
10/5/2012	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	100	1		N/A	Repair Completed	N/A
10/8/2012	5032 LYONS VIEW PIKE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	50	1.5	✓	N/A	Repair Completed	N/A
10/12/2012 10/15/2012	521 TALIWA DRIVE 108 CARON DRIVE	KUW	South Knoxville Second Creek	40 5	Broken Gravity Main MH 16-57		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	1,150	2		N/A N/A	Repair Completed BA	N/A 6 Months
10/16/2012	1219 HILTON ROAD	KUW	Third Creek	21	MH 10-64		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	400	1		N/A	BA	9 Months
10/16/2012	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	35	11	✓	Construction Completed	N/A	N/A
10/20/2012	313 FORESTAL DRIVE	KUW	First Creek	8	MH 7-72		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	1.5		N/A	BA	12 Months
10/22/2012 10/24/2012	5253 BENT RIVER BOULEVARD 5408 GREEN VALLEY DRIVE	FC LC	Fourth Creek Loves Creek	43 26	Grinder Pump Air Release Valve		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	2 50	0.25		N/A N/A	Repair Completed Repair Completed	N/A N/A
10/28/2012	4500 E END ROAD	KUW	South Knoxville		Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	20	1		N/A	BA	12 Months
11/5/2012	4923 BALL ROAD	FC	Fourth Creek	49	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	28,500	8	✓	N/A	Repair Completed	N/A
11/5/2012	8455 STRAWBERRY PLAINS PIKE	EB	Eastbridge	72	Broken Force Main	DDII	Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	460	4		N/A	Repair Completed	N/A
11/8/2012 11/15/2012	5219 BENT RIVER BOULEVARD 4517 N WAHLI DRIVE	FC KUW	Fourth Creek First Creek	43 7	Grinder Pump & BBU MH 39	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	725	1 2	· · · · · ·	N/A Construction Completed	Repair Completed BA	N/A 12 Months
11/18/2012	4317 N WARLI DRIVE 4315 CLINTON HIGHWAY	KUW	Second Creek	10	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	2,050	1	•	N/A	BA	12 Months
11/24/2012	7920 WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.5	<b>✓</b>	N/A	Repair Completed	N/A
11/26/2012	5016 WILFORD ROAD	KUW	Second Creek		MH 2		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	750	1		N/A	Repair Completed	N/A
11/30/2012 12/9/2012	5032 LYONS VIEW PIKE 1814 E GLENWOOD AVENUE	FC KUW	Fourth Creek First Creek	37 24	Grinder Pump MH 25-49		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	5 410	1.5	<b>✓</b>	N/A Construction Completed	Repair Completed BA/Grease Control	N/A 6 Months
12/12/2012	5704 WAYNEWOOD ROAD	KUW	Second Creek	5	MH 16-22		Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	360	2		N/A	BA/Grease Control	9 Months
12/20/2012	3006 CORAM STREET	KUW	Second Creek	14	MH 10-27 & Lateral Cleanout at 222 Radford Place & BBU	BBU	Blockage - Roots. The sewer main was flushed & area was cleaned.	1,550	2		N/A	BA	6 Months
1/7/2013	1000 BAKER AVENUE	KUW	South Knoxville		MH 40-7		Blockage - Roots. The sewer main was flushed & area was cleaned.	450	1		N/A	BA	6 Months
1/11/2013 1/13/2013	1705 COTTAGEWOOD WAY 7939 WASHINGTON PIKE	FC EB	Fourth Creek Eastbridge	37 113	Lateral Grinder Pump		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	15 5	6		N/A N/A	Repair Completed Repair Completed	N/A N/A
1/14/2013	5829 BALL CAMP PIKE	KUW	Third Creek	113	MH 11-48		Blockage - Grease. The sewer main was flushed & area was cleaned.	10.600	4		N/A	BA/Grease Control	12 Months
1/14/2013	3704 CHAPMAN HIGHWAY	KUW	South Knoxville		MHs 28-53 & 28-54		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	510	1		N/A	Repair Completed	N/A
1/15/2013	3410 BORIGHT DRIVE	KUW	First Creek	8	MHs 42, 43, & 44		Heavy rainfall in the area resulted in high flows in the collection system.	70,650	28	✓	Construction Underway	N/A	N/A
1/15/2013	2328 CEDAR LANE	KUW	First Creek	4	MH 22-30 & BBU	BBU	Heavy rainfall in the area resulted in high flows in the collection system.	11,655	2	<b>✓</b>	Future Construction Planned	N/A	N/A
1/15/2013 1/15/2013	1903 JEFFERSON AVENUE 1500 LYONS BEND ROAD	KUW	First Creek Fourth Creek	24 37	MH 25-18 MH 1		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	75 4.285.300	1 36.26	· · · · · · · · · · · · · · · · · · ·	Construction Completed Construction Underway	N/A N/A	N/A N/A
1/15/2013	2541 MITCHELL STREET	KUW	First Creek	18	MH 30-182		Heavy rainfall in the area resulted in high flows in the collection system.	317,000	120	· ·	Future Construction Planned	N/A	N/A
1/15/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	11,324,000	116	<b>√</b>	Future Construction Planned	N/A	N/A
1/15/2013	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	18,440,000	19.83	✓	Future Construction Planned	N/A	N/A
1/15/2013	4719 OLD BROADWAY 2004 RIVERSIDE DRIVE	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	16,320,000	91	<b>√</b>	Future Construction Planned	N/A	N/A
1/15/2013 1/16/2013	5219 BENT RIVER BOULEVARD	KUW	Williams Creek Fourth Creek	31 43	MH 1-1 Grinder pump and BBU	BBU	Heavy rainfall in the area resulted in high flows in the collection system.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	628,000 6	28	<b>✓</b>	Future Construction Planned N/A	N/A Repair Completed	N/A N/A
1/16/2013	2412 BERNHURST DRIVE	KUW	First Creek	43	MH 18-54	350	Heavy rainfall in the area resulted in high flows in the collection system.	1,425	2		Future Construction Planned	N/A	N/A
1/16/2013	201 HERMITAGE DRIVE	KUW	Knob Creek	41	MH 66-69		Heavy rainfall in the area resulted in high flows in the collection system.	1,225	19		Future Construction Planned	N/A	N/A
1/16/2013	4505 MIDDLEBROOK PIKE	KUW	Third Creek	21	MHs 1 & 27-54		Heavy rainfall in the area resulted in high flows in the collection system.	10,000	12	<b>✓</b>	Future Construction Planned	N/A	N/A
1/16/2013 1/16/2013	6016 NEUBERT SPRINGS ROAD 6410 S NORTHSHORE DRIVE	EB FC	Knob Creek Fourth Creek	41 37	MH 19 MH 8		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	10,000 5,800	53 4		Construction Completed Construction Completed	N/A N/A	N/A N/A
1/17/2013	2541 FAIR DRIVE	KUW	First Creek	4			Heavy rainfall in the area resulted in high flows in the collection system.	13,900	48	· · ·	Future Construction Planned	N/A	N/A N/A
1/17/2013	6532 WESTSIDE DRIVE	FC	Fourth Creek				Heavy rainfall in the area resulted in high flows in the collection system.	200	1	· ·	Future Construction Planned	N/A	N/A
1/18/2013	3439 E MAGNOLIA AVENUE	LC	Loves Creek	20	MH 61		Heavy rainfall in the area resulted in high flows in the collection system.	25	1		Future Construction Planned	N/A	N/A
1/23/2013	7920 WASHINGTON PIKE	EB	Eastbridge	113	·		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1	<b>✓</b>	N/A Future Construction Planned	Repair Completed	N/A
1/28/2013 1/29/2013	2377 NEYLAND DRIVE 900 E HILL AVENUE	KUW	Third Creek Williams Creek	35B 31	MH 4-54 MH 6-62		Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Grease. The sewer main was flushed & area was cleaned.	300 180	1		Future Construction Planned N/A	N/A BA/Grease Control	N/A 12 Months
	230 22., (VENOL	11011	ams oreek		MHs 43, 46-16, & Lateral Cleanout @ 3618		biology cross. The sensi main has hashed a area was dealied.	100			1973	S. C STOUGH SUITE	72 IVIOLITIES
1/30/2013	3412 BORIGHT DRIVE	KUW	First Creek	8	Boright Drive		Heavy rainfall in the area resulted in high flows in the collection system.	21,300	16	✓	Construction Underway	N/A	N/A
1/30/2013	2500 CEDAR LANE	KUW	First Creek	4	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	280	1	V	Future Construction Planned	N/A	N/A
1/30/2013	2538 FAIR DRIVE	KUW	First Creek	4 24	MH 20-1 MH 25-18		Heavy rainfall in the area resulted in high flows in the collection system.	450 875	3	<b>✓</b>	Future Construction Planned Construction Completed	N/A	N/A
1/30/2013 1/30/2013	1903 JEFFERSON AVENUE 1500 LYONS BEND ROAD	KUW FC	First Creek Fourth Creek	24 37			Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	905,700	9.17	· · · · · · · · · · · · · · · · · · ·	Construction Completed Construction Underway	N/A N/A	N/A N/A
1/30/2013	3305 MCKAMEY ROAD	KUW	Third Creek	11	MH 13		Heavy rainfall in the area resulted in high flows in the collection system.	6,400	9		Future Construction Planned	N/A	N/A
1/30/2013	2541 MITCHELL STREET	KUW	First Creek	18	MH 30-182		Heavy rainfall in the area resulted in high flows in the collection system.	19,600	24	✓	Future Construction Planned	N/A	N/A
1/30/2013	2004 RIVERSIDE DRIVE	KUW	Williams Creek		MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	13,100	14	<b>√</b>	Future Construction Planned	N/A	N/A
1/31/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A			Heavy rainfall in the area resulted in high flows in the collection system.	570,700	9	<b>✓</b>	Future Construction Planned	N/A	N/A
2/4/2013 2/4/2013	4100 CENTRAL AVENUE PIKE 409 N BELLEMEADE AVENUE	KUW	Second Creek Third Creek	10 28			Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	50 500	1	· · · · · · · · · · · · · · · · · · ·	Construction Completed Construction Completed	N/A N/A	N/A N/A
2/8/2013	5029 FIELDCREST LANE	KUW	First Creek	4			Blockage - Debris. The sewer main was flushed & area was cleaned.	510	1	•	N/A	BA	6 Months
2/10/2013	4811 BEVERLY ROAD	KUW	First Creek	2	MH 39-44		Heavy rainfall in the area resulted in high flows in the collection system.	10	1		Future Construction Planned	N/A	N/A
2/10/2013	1521 SAYLORS FORD ROAD	EB	Eastbridge	115	Eastbridge Wastewater Treatment Plant		WWTP - Mechanical Failure. Plant was reinstated.	435	0.75		N/A	Repair Completed	N/A
3/5/2013	4128 OAKLAND DRIVE	KUW	First Creek	2	MH 39-6		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
3/5/2013	1323 TENNESSEE AVENUE 217 STRATFORD ROAD	KUW	Second Creek Knob Creek		MH 21-191 & Lateral Cleanout MH 66-14		Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	750 1,500	1		N/A N/A	BA Repair Completed	12 Months N/A
		I KUW	KIND CIECK	41	IVII I 00-14		broken dystem - broken dravity main. The sewer main was repaired α the area was dealied.	1,500	1	1	IN/A	rvehali collibleted	IN/A
3/7/2013 3/11/2013	4728 BALL CAMP PIKE	KUW	Third Creek	12	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	1,100	2		N/A	BA/Grease Control	6 Months

							Private Property				Event occurred two or more times within 12		Short-Term Controls	
3/11/2013	Street #	Street ESSARY DRIVE	Plant KUW	Watershed First Creek	Basin 3	Overflow Location MH 2-14	Location	Cause of SSO/KUB Response  Blockage - Grease. The sewer main was flushed & area was cleaned.	Volume (Gallons)	Duration (Hours)	months	Long-Term Capital Project N/A	Blockage Abatement (BA)  BA/Grease Control	BA Schedule 6 months
3/15/2013		BALL ROAD	FC	Fourth Creek	49	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	2,700	2		N/A N/A	Repair Completed	N/A
3/20/2013		N WAHLI DRIVE	KUW	First Creek	7	Lateral Cleanout		Construction Failure - Pressure Testing Process Failure. The area was cleaned.	30	1	✓	Construction Completed	N/A	N/A
3/27/2013		SELMA AVENUE	KUW	Williams Creek		Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	800	1		N/A	BA/Grease Control	6 months
3/28/2013 4/8/2013		PARK HILL CIRCLE WESTERN AVENUE	FC KUW	Fourth Creek Third Creek	32A	MH 30-52 MH 18-86		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,000 20,000	7.5		N/A N/A	BA Repair Completed	12 Months N/A
4/6/2013		CARRINGTON ROAD	FC	Fourth Creek	22 32B	MH 4-92		Construction Failure - Dig-in (Pre-Construction Drilling). The sewer main was repaired and the area was cleaned.  Blockage - Roots, The sewer main was flushed & area was cleaned.	20,000	1.5		N/A N/A	BA	12 Months
4/18/2013		KENESAW AVENUE	KUW	Third Creek	38	MH 24-168		Blockage - Debris. The sewer main was flushed & area was cleaned.	30	1		N/A	BA	6 Months
4/26/2013		WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	1	✓	N/A	Repair Completed	N/A
4/27/2013		VAN STREET	KUW	Second Creek	23	MHs 28-1 & 28-14	2011	Blockage - Grease. The sewer main was flushed & area was cleaned.	1,000	4	✓	N/A	BA/Grease Control	6 Months
4/28/2013 4/28/2013		JOUROLMAN AVENUE LYONS BEND ROAD	KUW FC	Third Creek Fourth Creek	22 37	MHs 6-194 & 6-219 & BBU MH 1 & Influent Pump Room	BBU	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Electrical Failure - WWTP, Electricity was restored and the area was cleaned.	6,350 1.660.879	6 5.18	<b>✓</b>	N/A N/A	BA/Grease Control	6 Months N/A
4/29/2013		W PARKWAY AVENUE	KUW	First Creek	4	MH 51-15		Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.	25	1	•	N/A N/A	Repair Completed Repair Completed	N/A
5/6/2013		CHUKAR ROAD	FC	Fourth Creek	32A	MH 65-11		Blockage - Debris. The sewer main was flushed & area was cleaned.	5,500	2		N/A	BA	6 Months
5/6/2013		MITCHELL STREET	KUW	First Creek	18	MH 30-182		Heavy rainfall in the area resulted in high flows in the collection system.	12,500	1	✓	Future Construction Planned	N/A	N/A
5/8/2013 5/16/2013		WEST HILLS ROAD DOWELL SPRINGS BOULEVARD	FC FC	Fourth Creek Fourth Creek	27 27	MH 54 MH 24-94		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	400 100	16 0.5		N/A N/A	Repair Completed BA	N/A 12 Months
5/16/2013		SOUTH HAVEN ROAD	KUW	South Knoxville		MH 24-27		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		N/A	Repair Completed	N/A
5/30/2013	1501	WASHINGTON AVENUE	KUW	First Creek	24	MH 24-13		Blockage - Debris. The sewer main was flushed & area was cleaned.	210	1		N/A	BA	3 Months
6/4/2013		SCHOFIELD STREET	KUW	Third Creek	22	MH 13		Construction Failure - Broken Gravity Main. The sewer main was repaired and the area was cleaned.	40,000	3		N/A	Repair Completed	N/A
6/7/2013 6/10/2013		WASHINGTON PIKE AMHERST ROAD	EB FC	Eastbridge Fourth Creek	113 27	Grinder Pump  Lateral Cleanout		Grinder Pump Failure. Pump was repaired & the area was cleaned.	3	1.5	· · · · · · · · · · · · · · · · · · ·	N/A N/A	Repair Completed	N/A N/A
6/12/2013		CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-3		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Vandalism. Blockage was removed & the area was cleaned.	3,000	2		N/A N/A	Repair Completed Repair Completed	N/A
6/12/2013		JULIAN STREET	KUW	South Knoxville		MH 40-28		Blockage - Debris. The sewer main was flushed & area was cleaned.	1,500	3		N/A	BA	6 Months
6/18/2013		CEDAR LANE	KUW	First Creek	4	MH 22-13		Heavy rainfall in the area resulted in high flows in the collection system.	300	1	<b>√</b>	Future Construction Planned	N/A	N/A
6/18/2013		JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	<u> </u>	Construction Completed	N/A	N/A
7/7/2013 362 7/7/2013		BORIGHT DRIVE CENTRAL AVENUE PIKE	KUW	First Creek Second Creek	10	MH 46-16 & Lateral Cleanout MH 17-9		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	3,300 36.600	1	<u>√</u>	Construction Underway  Construction Completed	N/A N/A	N/A N/A
		JEFFERSON AVENUE	KUW	First Creek	24	2 Lateral Cleanouts		Heavy rainfall in the area resulted in high flows in the collection system.	750	1	<u>√</u>	Construction Completed Construction Completed	N/A N/A	N/A N/A
7/7/2013	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	1,732,500	8.75	✓	Construction Underway	N/A	N/A
7/7/2013		MARYVILLE PIKE	KUW	South Knoxville		MHs 27-2 & 27-3		Heavy rainfall in the area resulted in high flows in the collection system.	800	1		Construction Completed	N/A	N/A
7/7/2013 7/7/2013		N GALLAHER VIEW ROAD	FC KUW	Fourth Creek	32A 25	MH 77 MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	540,000	24	<u>√</u>	Future Construction Planned	N/A	N/A
7/7/2013		RIVERSIDE DRIVE SOUTH HAVEN ROAD	KUW	Williams Creek South Knoxville		MH 2 MH 24-27		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	6,000 500	1	•	Future Construction Planned N/A	N/A Repair Completed	N/A N/A
7/8/2013		MITCHELL STREET	KUW	First Creek	18	MH 30-182		Heavy rainfall in the area resulted in high flows in the collection system.	19,000	16	✓	Future Construction Planned	N/A	N/A
7/8/2013		N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
7/9/2013		MIDDLEBROOK PIKE	KUW	Third Creek	21	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>√</b>	Future Construction Planned	N/A	N/A
7/9/2013 7/10/2013		WATERCRESS DRIVE COVE VIEW WAY	KUW FC	First Creek Fourth Creek	43	Lateral Cleanout Grinder Pump		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	67,000 15	0.5		N/A N/A	Repair Completed Repair Completed	N/A N/A
7/10/2013		MAPLE DRIVE	KUW	First Creek	4	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
7/10/2013		S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
7/10/2013		WAYLAND ROAD OLD BROADWAY	LC KUW	Loves Creek	67 7	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown Unknown	<b>✓</b>	Future Construction Planned	N/A	N/A N/A
7/15/2013 7/22/2013		KERMIT DRIVE	KUW	First Creek Second Creek	5	MHs 2 & 63 MH 4-34		Heavy rainfall in the area resulted in high flows in the collection system.  Construction Failure - Gas main bored through sewer. The sewer main was repaired and the area was cleaned.	Unknown 400	2	v	Future Construction Planned N/A	N/A Repair Completed	N/A N/A
7/25/2013		GREEN VALLEY DRIVE	LC	Loves Creek	26	MH 16		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	10	0.5		N/A	Repair Completed	N/A
7/29/2013		N NATIONAL DRIVE	KUW	Riverdale	60	MH 30-3		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	150	1		N/A	Repair Completed	N/A
7/31/2013 8/24/2013		CROSBY DRIVE WOODS CREEK ROAD	LC LC	Third Creek Loves Creek	28 105	MH 36 Grinder Pump & BBU	BBU	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	150 20	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
8/27/2013		CHARLENE LANE	KUW	Second Creek	5	MH 16-9	550	Blockage - Roots. The sewer main was flushed & area was cleaned.	4.300	48		N/A	BA	12 Months
9/3/2013	4100	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-9		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	5	0.25	✓	N/A	Repair Completed	N/A
9/6/2013		SUTHERLAND AVENUE	KUW	Third Creek	29	MH 23		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	700	2		N/A	BA/Grease Control	12 Months
9/6/2013 9/9/2013		WHITOWER DRIVE W BAXTER AVENUE	FC	Fourth Creek	36	Subsurface MH 19-231		Broken System - Sewer Main Collapse. The sewer main is repaired and the area was cleaned.	120 360	2 0.5		N/A N/A	Repair Completed BA	N/A 12 Months
9/9/2013		COX STREET	KUW	Third Creek Third Creek	23 28	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Leaking Joint on Gravity Main. The sewer main was repaired & the area was cleaned.	75	0.5		N/A N/A	Repair Completed	N/A
9/18/2013		FOREST AVENUE	KUW	Third Creek	29	MH 9-12		Construction Failure - Dig-in (Pre-Construction Drilling). The sewer main was repaired and the area was cleaned.	500	2		N/A	Repair Completed	N/A
9/21/2013	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Primary Effluent Channel		WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	115,000	0.13		N/A	Repair Completed	N/A
9/22/2013 9/24/2013		LYONS BEND ROAD MILLERTOWN PIKE	FC	Fourth Creek	37	MH 1 Grinder Pump		Electrical Failure - WWTP. Electricity was restored.	227,000	0.93	✓	Construction Underway N/A	N/A Papair Completed	N/A N/A
9/26/2013		AILOR AVENUE	KUW	Loves Creek Third Creek	105 29	MH 16		Grinder Pump Failure. Pump was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	5,600	2		N/A N/A	Repair Completed BA	12 Months
9/30/2013		MCINTYRE ROAD	LC	Loves Creek	6	MH 33-7		Blockage - Roots. The sewer main was flushed & area was cleaned.	35	1		N/A	BA	12 Months
10/3/2013		W FIFTH AVENUE	KUW	Second Creek	23	MH 19-190 & 19-189		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	1,300	1.5		N/A	BA/Grease Control	3 Months
10/4/2013 10/9/2013		TALAHI DRIVE LYONS BEND ROAD	KUW	Third Creek Fourth Creek	38 43	MH 13-54 HRC Pump		Blockage - Debris. The sewer main was flushed & area was cleaned.	180 115	2		N/A N/A	BA Repair Completed	12 Months N/A
10/9/2013		MCNUTT ROAD	KUW	Knob Creek	41	MH 95		Construction Failure - Pump Testing Process Failure. The process was reinstated and the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	180	0.25		Construction Underway	BA	12 Months
10/13/2013		COMET LANE	LC	Loves Creek		Lateral Cleanout		Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	140	2		N/A	BA	12 Months
10/15/2013		MILAM CIRCLE	FC	Fourth Creek	36	MH 12-3		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	7,500	8		N/A	Repair Completed	N/A
10/16/2013		N WINSTON ROAD	FC	Fourth Creek		Lateral Cleanout and BBU	BBU	Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	300	2		N/A	Repair Completed	N/A
10/24/2013		WILANI ROAD BAKER AVENUE	KUW	Third Creek South Knoxville	38 40	Lateral Cleanout  Lateral Cleanout and BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	20 10	0.17 0.25		N/A N/A	BA/Grease Control	12 Months 6 Months
10/28/2013		BENT RIVER BOULEVARD	FC	Fourth Creek		Grinder Pump	DBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	0.25		N/A N/A	Repair Completed	N/A
11/2/2013		BROOME RD	FC	Fourth Creek		MH 15-6		Blockage - Roots. The sewer main was flushed & area was cleaned.	70	2		N/A	BA	12 Months
11/5/2013		VAN STREET	KUW	Second Creek	23	MH 19-262		Blockage - Grease. The sewer main was flushed & area was cleaned.	80	1	✓	N/A	BA/Grease Control	6 Months
11/7/2013		AMHERST ROAD	FC	Fourth Creek	27	MH 22-68		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	200	0.25		N/A	Repair Completed	N/A
11/8/2013		LYONS VIEW PIKE	FC	Fourth Creek		Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2	✓	N/A	Repair Completed	N/A
11/16/2013		DAVIDA ROAD ELLESMERE DRIVE	KUW	Second Creek Third Creek	5 11	MH 8-83 MH 52-6		Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	180 450	1 2		N/A N/A	BA BA	12 Months 12 Months
11/21/2013		COKER AVENUE	KUW	First Creek	17	Lateral Cleanout & BBU	BBU	Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	1,650	1		N/A N/A	Repair Completed	N/A
12/9/2013		N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77		WW Storage Facility - Mechanical Failure. The facility was repaired & the area was cleaned.	59,000	3.25	<b>✓</b>	Future Construction Planned	N/A	N/A
12/9/2013		SYCAMORE DRIVE	KUW	Third Creek	22	Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned. Blockage - Grease. The sewer main was flushed & area was cleaned.	550	1		N/A	Repair Completed	N/A
12/12/2013		KEITH AVENUE	KUW	Third Creek	22	Lateral Cleanout & BBU	BBU		105			Future Construction Planned	N/A	N/A

					Print Print			event occurred two or		Oh art Tarra Carriaga	
Date	Street # Street	Plant	Watershed	Basin Overflow Location	Private Property Location Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
2/28/2011	3814 WOODLAKE DRIVE	KUW	First Creek	1 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	400	4	<i>√</i>	Construction Completed	N/A	N/A
4/17/2011	3814 WOODLAKE DRIVE	KUW	First Creek	1 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	20	1	✓	Construction Completed	N/A	N/A
2/10/2013 12/10/2011	4811 BEVERLY ROAD 5209 MURPHY ROAD	KUW	First Creek First Creek	2 MH 39-44 2 Grinder Pump & BBU	Heavy rainfall in the area resulted in high flows in the collection system.  BBU Construction Failure - Grinder Pump, Pump was reinstated & the area was cleaned.	10 30	1 2		Future Construction Planned N/A	N/A Repair Completed	N/A N/A
10/1/2012	3902 OAKLAND DRIVE	KUW	First Creek	2 Lateral Cleanout	BBU Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	1,100	1		N/A N/A	BA	6 Months
3/5/2013	4128 OAKLAND DRIVE	KUW		2 MH 39-6	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
5/28/08	4144 OAKLAND DRIVE	KUW	First Creek	2 MHs 39-4,39-44,39-45 & Lateral Cleanout	Heavy rainfell in the gree regulated in high flows in the collection ayetem	45,655	2	<b>√</b>	Construction Completed	N/A	N/A
5/26/06	4 144 OAKLAND DRIVE	KUW	First Creek	MHs 39-4,39-44,39-45 & Lateral Cleanout  MHs 39-4,39-44,39-45 & 2 Lateral	Heavy rainfall in the area resulted in high flows in the collection system.	45,055	2	v	Construction Completed	N/A	IN/A
1/6/09	4144 OAKLAND DRIVE	KUW	First Creek	2 Cleanouts	Heavy rainfall in the area resulted in high flows in the collection system.	22,475	11	✓	Construction Completed	N/A	N/A
6/25/10	5660 COLONIAL CIRCLE	KUW	First Creek	3 MH 14-2	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	5,600	12		N/A	BA/Grease Control	12 Months
5/15/2011 3/11/2013	5715 ELDRIDGE ROAD 2840 ESSARY DRIVE	KUW	First Creek First Creek	3 Lateral Cleanout 3 MH 2-14	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	125 180	2		N/A N/A	BA/Grease Control	12 Months 6 months
5/16/10	3628 LUCINDA DRIVE	KUW	First Creek	3 Lateral Cleanout	Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	18	2		N/A N/A	BA/Grease Control	6 Months
1/18/10	229 LYNNWOOD DRIVE	KUW	First Creek	3 MH 2-98	Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	130	0.5		N/A	BA/Grease Control	6 Months
1/16/2013	2412 BERNHURST DRIVE	KUW	First Creek	4 MH 18-54 4 MHs 18-58, 18-54 & 18-53	Heavy rainfall in the area resulted in high flows in the collection system.	1,425	2		Future Construction Planned	N/A BA	N/A
1/24/10	2414 BERNHURST DRIVE 2328 CEDAR LANE	KUW	First Creek First Creek	4 MHs 18-58, 18-54 & 18-53 4 MH 22-30 & BBU	Blockage - Unknown. The sewer main was flushed & area was cleaned.  BBU Heavy rainfall in the area resulted in high flows in the collection system.	5550 11.655	10	<b>√</b>	N/A Future Construction Planned	N/A	6 Months N/A
2/28/2011	2500 CEDAR LANE	KUW	First Creek	4 MH 22-30 & BBO MH 22-13	reary rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	500	1	v	Future Construction Planned	N/A N/A	N/A N/A
1/30/2013	2500 CEDAR LANE	KUW	First Creek	4 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	280	1	✓	Future Construction Planned	N/A	N/A
6/18/2013	2500 CEDAR LANE	KUW	First Creek	4 MH 22-13	Heavy rainfall in the area resulted in high flows in the collection system.	300	1	✓	Future Construction Planned	N/A	N/A
12/31/2011	3602 E KESTERWOOD DRIVE	KUW	First Creek	4 Lateral Cleanout	Blockage - Roots. The sewer main was flushed & area was cleaned.	375	2		Construction Completed	N/A	N/A
1/30/2013 11/30/10	2538 FAIR DRIVE 2541 FAIR DRIVE	KUW	First Creek	4 MH 20-1 4 MH 20-2	Heavy rainfall in the area resulted in high flows in the collection system.	450 150	3	<b>√</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A
11/30/10	2541 FAIR DRIVE 2541 FAIR DRIVE	KUW	First Creek First Creek	4 MH 20-2 4 MH 20-2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	13.900	48		Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
4/16/2011	2544 FAIR DRIVE	KUW	First Creek	4 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	100	1	<u> </u>	Future Construction Planned	N/A	N/A
2/8/2013	5029 FIELDCREST LANE	KUW	First Creek	4 MH 13-118	Blockage - Debris. The sewer main was flushed & area was cleaned.	510	1		N/A	BA	6 Months
7/27/09	2204 HIGHLAND DRIVE	KUW	First Creek	4 MH 11-21	Blockage - Roots. The sewer main was flushed & area was cleaned.	344	1		N/A	BA	3 Months
12/31/10	2204 HIGHLAND DRIVE	KUW	First Creek	4 Broken Gravity Main	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	450	2		N/A	Repair Completed	N/A
2/5/10 3/2/2011	2430 HIGHLAND DRIVE 2430 HIGHLAND DRIVE	KUW	First Creek First Creek	4 Lateral Cleanout 4 Lateral Cleanout	Blockage - Debris. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	2290 120	1.5		Future Construction Planned Future Construction Planned	BA N/A	6 Months N/A
6/29/2011	5014 JACKSBORO PIKE	KUW	First Creek	4 Lateral Cleanout 4 MH 13-101	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	200	2		Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
7/10/2013	2309 MAPLE DRIVE	KUW	First Creek	4 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A N/A	N/A N/A
10/21/2011	5401 MONTCREST ROAD	KUW	First Creek	4 MH 35-25	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	1		N/A	Repair Completed	N/A
4/29/2013	1028 W PARKWAY AVENUE	KUW	First Creek	4 MH 51-15	Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.	25	1		N/A	Repair Completed	N/A
10/15/2012	108 CARON DRIVE	KUW			Blockage - Roots. The sewer main was flushed & area was cleaned.	1,150	2		N/A	BA BA	6 Months
1/7/09 8/27/2013	701 CEDAR LANE 117 CHARLENE LANE	KUW	Second Creek Second Creek		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	37,450 4,300	26 48		N/A N/A	BA BA	3 Months 12 Months
11/16/2013	5730 DAVIDA ROAD	KUW			Blockage - Debris. The sewer main was flushed & area was cleaned.	180	1		N/A	BA	12 Months
3/1/2011	5205 HAYNES-STERCHI ROAD	KUW		5 MH 35-4	Blockage - Debris. The sewer main was flushed & area was cleaned.	500	1		N/A	BA	3 Months
1/6/10	905 KERMIT DRIVE	KUW	Second Creek		Blockage - Grease. The sewer main was flushed & area was cleaned.	1080	1.5		N/A	BA/Grease Control	6 Months
7/22/2013	905 KERMIT DRIVE	KUW	Second Creek		Construction Failure - Gas main bored through sewer. The sewer main was repaired and the area was cleaned.	400	2		N/A	Repair Completed	N/A
2/28/2011	923 OAKLETT DRIVE 5704 WAYNEWOOD ROAD	KUW	Second Creek	5 Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	9,000	1.5		Construction Completed	N/A BA	N/A
12/12/2012 11/26/2012	5016 WILFORD ROAD	KUW	Second Creek Second Creek	5 MH 16-22 5 MH 2	Blockage - Roots. The sewer main was flushed & area was cleaned.  Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	360 750	1		N/A N/A	Repair Completed	9 Months N/A
7/29/10	720 WOODVIEW DRIVE	KUW	Second Creek	5 MH 35-2	Blockage - Roots. The sewer main was flushed & area was cleaned.	2	1		N/A	BA	6 Months
10/13/2013	4319 COMET LANE	LC	Loves Creek	6 Lateral Cleanout	Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	140	2		N/A	BA	12 Months
10/1/2011	206 HILLVIEW AVENUE	LC	Loves Creek	6 MH 29-145 & Lateral Cleanout	Blockage - Roots. The sewer main was flushed & area was cleaned.	500	1		N/A	BA	12 Months
12/26/10 9/30/2013	1725 LOVES CREEK ROAD 5255 MCINTYRE ROAD	LC LC	Loves Creek Loves Creek	6 MH 48-3 6 MH 33-7	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	180 35	2		N/A N/A	BA BA	6 Months 12 Months
2/21/10	5713 MILLERTOWN PIKE	LC	Loves Creek	6 Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	5	1.5		N/A	Repair Completed	N/A
8/23/05	2304 WOODS CREEK ROAD	LC	Loves Creek	6 Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	2		N/A	Repair Completed	N/A
9/5/2011	1308 ADAIR DRIVE	KUW	First Creek	7 Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	500	5		Construction Completed	N/A	N/A
9/18/2012	1309 ADAIR DRIVE	KUW	First Creek	7 MH 28	Heavy rainfall in the area resulted in high flows in the collection system.	2,000	2		Construction Completed	N/A	N/A
7/11/2011 9/11/10	1313 ADAIR DRIVE 1408 ADAIR DRIVE	KUW	First Creek First Creek	7 MH 28-1 7 MH 26	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown 60	Unknown 1		Construction Completed Construction Completed	N/A N/A	N/A N/A
1/28/10	702 E INSKIP DRIVE	KUW	First Creek	7 MH 29-63	Blockage - Debris. The sewer main was flushed & area was cleaned.	410	1		Construction Completed	N/A	N/A
6/2/2011	1216 GLENOAKS DRIVE	KUW	First Creek	7 Lateral Cleanout	Blockage - Roots, Grease, and Debris. The sewer main was flushed & area was cleaned.	30	1		N/A	BA/Grease Control	12 Months
11/15/2012	4517 N WAHLI DRIVE	KUW	First Creek	7 MH 39	Blockage - Roots. The sewer main was flushed & area was cleaned.	725 30	2	<u> </u>	Construction Completed	BA N/A	12 Months
3/20/2013 3/28/03	4525 N WAHLI DRIVE 4713 OLD BROADWAY	KUW	First Creek First Creek	7 Lateral Cleanout 7 MH 2	Construction Failure - Pressure Testing Process Failure. The area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<u> </u>	Construction Completed Construction Completed	N/A BA	N/A 12 Months
1/28/04	4713 OLD BROADWAY	KIIW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	50	2	· ·	Construction Completed	BA BA	12 Months
2/6/04	4713 OLD BROADWAY	KUW	I II ST CIECK	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	13,500	18	<u>√</u>	Construction Completed	BA	12 Months
3/6/04	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	3150	2.5	✓	Construction Completed	BA	12 Months
6/23/04	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>√</b>	Construction Completed	BA	12 Months
9/20/04	4713 OLD BROADWAY	KUW	+	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	561	5	<b>√</b>	Construction Completed	BA	12 Months
11/24/04	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	2040	11.3	<u> </u>	Construction Completed	BA BA	12 Months
12/1/04 12/7/04	4713 OLD BROADWAY 4713 OLD BROADWAY	KUW	First Creek First Creek	7 MH 2 7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	37,400 54,720	12 9.5	<u>√</u>	Construction Completed Construction Completed	BA BA	12 Months 12 Months
12/7/04	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	1,008,120	62	<u> </u>	Construction Completed  Construction Completed	BA BA	12 Months
4/19/05	4713 OLD BROADWAY	KUW		7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	250	2	·	Construction Completed	BA	12 Months
1/17/06	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	270	2	✓	Construction Completed	BA	12 Months
1/26/06	4713 OLD BROADWAY	KUW		7 MH 2	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	14025	1 1	<b>√</b>	Construction Completed	BA	12 Months
4/8/06 4/22/06	4713 OLD BROADWAY 4713 OLD BROADWAY	KUW	First Creek First Creek	7 MH 2 7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	20196 89670	12 12	<u>√</u>	Construction Completed Construction Completed	BA BA	12 Months 12 Months
9/24/06	4713 OLD BROADWAY	KUW		7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	197712	6	<u> </u>	Construction Completed	BA	12 Months
1/26/10	4713 OLD BROADWAY	KUW	First Creek	7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.	3400	12		Future Construction Planned	BA	12 Months
3/22/2011	4713 OLD BROADWAY	KUW	First Creek	7 MHs 2 & 63	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>√</b>	Future Construction Planned	N/A	N/A
4/16/2011 1/15/2013	4713 OLD BROADWAY 4719 OLD BROADWAY	KUW	First Creek First Creek	7 MHs 2 & 63 7 MH 2	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	24,500 16.320.000	91	<b>√</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
7/15/2013	4719 OLD BROADWAY 4719 OLD BROADWAY	KUW	First Creek	7 MH 2 7 MHs 2 & 63	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	16,320,000 Unknown	Unknown	· · ·	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
5/25/2012	4601 SEMINOLE ROAD	KUW	First Creek	7 Broken Gravity Main	Blockage - Debris. The sewer main was flushed & area was cleaned.	3,800	2	·	Construction Completed	N/A	N/A
9/23/06	4600 UPCHURCH ROAD	KUW	First Creek	7 MH 45	Heavy rainfall in the area resulted in high flows in the collection system.	360	2		Construction Completed	N/A	N/A
1/27/10	4600 UPCHURCH ROAD	KUW	First Creek	7 MH 45	Heavy rainfall in the area resulted in high flows in the collection system.	105	1		Construction Completed	N/A	N/A
3/2/2011 5/14/2012	4600 UPCHURCH ROAD 4600 UPCHURCH ROAD	KUW	First Creek	7 MH 45 7 MH 45	Heavy rainfall in the area resulted in high flows in the collection system.	100 50	2		Construction Completed	N/A N/A	N/A
	4600 UPCHURCH ROAD 4606 UPCHURCH ROAD	KUW	First Creek First Creek	7 MH 45 7 MH 45	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	90	3		Construction Completed Construction Completed	N/A N/A	N/A N/A
	TOOLOI CHURCH RUAD	KUW	First Creek	7 MH 45 7 Lateral Cleanout	Construction Failure - Blockage by Construction Debris. The sewer main was flushed & area was cleaned.	67,000	12		N/A	Repair Completed	N/A N/A
2/19/03	1201 WATERCRESS DRIVE										
	1201 WATERCRESS DRIVE 1216 WATERCRESS DRIVE	KUW		7 MH 29-9	Blockage - Grease. The sewer main was flushed & area was cleaned.	3960	8.25		Construction Completed	BA/Grease Control	6 Months
2/19/03 7/9/2013				7 MH 29-9 7 MH 29-9	Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	3960 1440	8.25 6		Construction Completed Construction Completed	BA/Grease Control BA	6 Months 6 Months

March   Marc			1								1		
19							Private Property			Event occurred two or more times within 12		Short-Term Controls	
Column							Location Cause of SSO/KUB Response		Duration (Hours)	months		• ,	
Company									3	,			
The content of the									1	*			
Marging   Marg									1	✓			
The content of the	11/16/2011								1	✓			
Column   C									2	<b>√</b>			
Description   Proceedings									2	· ·			
Second Content	5/14/2012			KUW	First Creek	7 MH 29-9	Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Completed	N/A	N/A
The content of the	7/18/2012	1216	WATERCRESS DRIVE	KUW	First Creek	/ IVII 1 20 0		400	1	✓	Construction Completed	N/A	N/A
The color of the	2/28/2011	3218	B AVONDALE AVENUE	KUW	First Creek			1.500	3		N/A	BA/Grease Control	12 Months
Author   A							· ·		9.5	✓			
Western   Company   Comp								.,	·	✓	,		
Marging   Marg							,			*,			
Company   Comp								,		· · · · · · · · · · · · · · · · · · ·			
Mary	1110/2010	0110	Bernetti Brave		T HOT GIGGIN		, , , , , , , , , , , , , , , , , , ,	70,000	20		construction chaomay	107	1071
Proc.   Proc		3412	BORIGHT DRIVE	KUW	First Creek			21,300	16	✓	Construction Underway	N/A	N/A
	6/24/2011	3621	1 BORIGHT DRIVE	KUW	First Creek	8 MH 45	Heavy rainfall in the area resulted in high flows in the collection system.	400	3	<b>✓</b>	Construction Underway	N/A	N/A
	7/7/2013	3621 & 3618	B BORIGHT DRIVE	KUW	First Creek	8 MH 46-16 & Lateral Cle	Heavy rainfall in the area resulted in high flows in the collection system	3.300	1	<b>✓</b>	Construction Underway	N/A	N/A
March   Marc	10/20/2012						, , , , , , , , , , , , , , , , , , , ,	.,	1.5				
State   Stat									2				
No.									2				
Control   Cont									1.5				
April   Apri													
Mark								5	1				
Column   C									1 1	<u> </u>			
Secretary   1.00   1.									1	· ·			
Company   Comp									1.5	✓			
1.65   1.65				KUW			, , , , , , , , , , , , , , , , , , , ,		4	✓			
March   Marc									1				
April   Coloration   Colorati									0.25	· · · · · ·			
Property   Property										<b>✓</b>			
1992    1992									48 Intermittently				
1929    1929	11/18/2012	4315	CLINTON HIGHWAY	KUW	Second Creek	10 Lateral Cleanout	Blockage - Roots. The sewer main was flushed & area was cleaned.	2,050	1		N/A	BA	12 Months
1929    1929	1/25/2012	310	KENSI DRIVE	kuw	Second Creek	10 Lateral Cleanout & BBU at 31	isi Drive BBU Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		N/A	BA	6 Months
Second Content		3922	NERVA ROAD				Ÿ	300	1		N/A	BA/Grease Control	6 Months
1965    1965								-,	5				
1993/2016   1993									5				
Seption   Sept							- v		2			BA	
1999    300 MEXIAMEN PRICE   10   MIT 10   19   19   19   19   19   19   19	7/1/2012	5745	GOLDENROD CIRCLE	KUW	Third Creek	11 MH 11-20	Blockage - Debris. The sewer main was flushed & area was cleaned.	100	1		N/A		12 Months
1.500   1.50							· ·		1				
2000001   400   MATACH PRIVE   600   1									1				
2002077   450   MAL CAMP PER.   M.W.   The Creek   12   Libera Clearout   Blocking Hooks   The source man were fured & area on centered.   200   4.5   M.N.   M.N	2/23/2011								1				
Second   S	3/11/2013	-					· ·	,	2				
30/210   4506   MY STREET   NAM   MA   MA   MA   MA   MA   MA   M							· · · · · · · · · · · · · · · · · · ·						
March   Marc									1				
1929   428   MIDLESPOX PRE   14	9/28/2012	4205	DRIFTING DRIVE			13 MH 31-19	Blockage - Grease. The sewer main was flushed & area was cleaned.	200	2		N/A	BA/Grease Control	
2470   4025   THORNINGOR INCOLD   SUM   The Creek   13   MH 1972   Blockage - Greek and Nach Burde & Service science   250   2   NA BA CREEK CONTROL   12   Mrs   1													
2900101   101													
March   1027   Lateral Chemotal #222   March   1.591   2									3				
						MH 10-27 & Lateral Clean	222						
9,200   141   DAVANAS STREET   KUW   Second Creek   15   Mail 8   Heavy runfall in the area resulted in high flows in the collection system. Unknown   Unknown   V   Construction Compiled   NA   NA   NA   NA   NA   NA   NA   N							· · · · · · · · · · · · · · · · · · ·		_	,			
12/15/09   1411   GAVANNA STREET   KUV   Second Creek   15   MH 8   Heavy ranfall in the area resulted in high flows in the collection system. Unknown / Construction Completed N/A N/A N/A N/A 111   GAVANNA STREET   KUV   Second Creek   15   MH 8   Heavy ranfall in the area resulted in high flows in the collection system. 1000   1 / Construction Completed N/A									1	*			
1411   DAVANNA STREET   KUW   Second Creek   15   MH 8   Heavy rainfall in the area resulted in high flows in the collection system.   3600   3   ✓ Construction Completed   N/A   N/A	12/15/09	1411	DAVANNA STREET	KUW	Second Creek	15 MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown		✓	Construction Completed	N/A	N/A
1411   DAVANNA STREET							, , , , , , , , , , , , , , , , , , , ,		Unknown	<b>✓</b>			
1271/10									3	<b>✓</b>			
11/12/2011   1411   DAVANNA STREET   KUW   Second Creek   15   MH 8   Heavy rainfall in the area resulted in high flows in the collection system.   5,830   3   ✓ Construction Completed   NIA   NIA   NIA   4/18/2011   1411   DAVANNA STREET   KUW   Second Creek   15   MH 8   Heavy rainfall in the area resulted in high flows in the collection system.   1,350   1   ✓ Construction Completed   NIA   NIA									3			1	
44/Fig.2011   14/11   DAVANNA STREET   KLW   Second Creek   15   MH 8   Heavy rainfall in the area resulted in high flows in the collection system.   1,350   1	1/1/2011	1411	DAVANNA STREET			15 MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	5,630	3	<b>✓</b>			
6247011   1411   DAVANNA STREET   KUW   Second Creek   15   MH 18   Heavy rainfall in the area resulted in high flows in the collection system.   100   1   V   Construction Completed   NIA   BA/Grease On the 12292011   300   E COLUMBIA AVENUE   KUW   Second Creek   15   MH 12-153   Bickage - Grease and Developer - Grease - Grease and Developer - Grease	2/28/2011								4	<b>✓</b>			
1124   DELAWARE AVENUE   KUW   Second Creek   15   MH 21-53   Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.   500   2   Construction Completed   N/A								1,350	1 1	<b>✓</b>			
12/29/2011   300   E-COLUMBIA AVENUE   KLW   Second Creek   15   Lateral Cleanout   Broken System - Broken Gravity Main. The sever main was repaired & the area was cleaned.   25   1   Construction Completed   N/A   N/A	2/25/2011								2				
402   402   403   VOLDHAM XVENUE	12/29/2011			KUW	Second Creek	15 Lateral Cleanout	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	25	1		Construction Completed	N/A	N/A
4/28/2011   237 W SCOTT AVENUE	3/5/2013								1				
1620   1620									4				
2/6/2011   1908   EDGEWOOD AVENUE   KUW   First Creek   16   Water Meter Well   Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.   180   1   N/A     1/25/2013   1921   COKER AVENUE   KUW   First Creek   16   Temporary Lateral Connection   Heavy rainfall in the area resulted in high flows in the collection system.   30   1   Construction Completed   N/A     1/25/2013   1921   COKER AVENUE   KUW   First Creek   17   Lateral Cleanout & BBU   BBU   Construction Paliure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.   1,650   1   N/A     4/7/2011   3526   BUFFAT MILL ROAD   KUW   First Creek   18   MH 65-19 and BBU   B	7/20/2012							·	1				
11/25/2013   1921   COKER AVENUE   KUW   First Creek   17	2/6/2011	1908	B EDGEWOOD AVENUE	KUW	First Creek	16 Water Meter Wel	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	180	1		N/A	Repair Completed	N/A
47/2011   3526 BUFFAT MILL ROAD   KUW   First Creek   18   MH 65-19 and BBU   BBU   Blockage - Roots. The sewer main was flushed & area was cleaned.   300   4   NIA   BA   12 Months							, , , , , , , , , , , , , , , , , , ,		1				
1/6/09         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         4,575         9         ✓         Construction Completed         BA/Grease Control         6 Months           12/9/09         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         40         0.5         ✓         Construction Completed         N/A         N/A           1/2/4/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         13800         8         ✓         Construction Completed         BA         6 Months           5/3/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         4200         2.25         ✓         Construction Completed         BA         6 Months           11/30/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         17250         8         ✓         Construction Completed         B							ů ,		· ·				
129/09         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         40         0.5         ✓         Construction Completed         N/A         N/A           1/24/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         138060         8         ✓         Construction Completed         BA         6 Months           5/3/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         4200         2.25         ✓         Construction Completed         BA         6 Months           11/30/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         17250         8         ✓         Construction Completed         BA         6 Months           2/28/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         40,000         3         ✓         Construction Completed         N/A									9	<b>~</b>			
5/3/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         4200         2.25         ✓         Construction Completed         BA         6 Months           11/30/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         17250         8         ✓         Construction Completed         BA         6 Months           2/28/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         410,000         3         ✓         Construction Completed         N/A         N/A           3/6/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         410,000         3         ✓         Construction Completed         N/A         N/A           3/6/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         410,000         3         ✓         Construction Completed         N/A							Heavy rainfall in the area resulted in high flows in the collection system.						
11/30/10         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         17250         8         ✓         Construction Completed         BA         6 Months           1/28/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         410,000         3         ✓         Construction Completed         N/A         N/A           3/6/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         1,500         3         ✓         Construction Completed         N/A         N/A           3/6/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         1,500         3         ✓         Construction Completed         N/A         N/A										<b>*</b>			
2/2/8/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         410,000         3         ✓         Construction Completed         N/A         N/A           3/6/2011         2536 CECIL AVENUE         KUW         First Creek         18         MH 30-11         Heavy rainfall in the area resulted in high flows in the collection system.         1,500         3         ✓         Construction Completed         N/A         N/A           N/A         N/A         N/A         N/A         N/A         N/A         N/A		2536	CECIL AVENUE							· ·			
3/6/2011 2536 CECIL AVENUE KUW First Creek 18 MH 30-11 Heavy rainfall in the area resulted in high flows in the collection system. 1,500 3   Construction Completed N/A N/A N/A									3				
3/9/ZU11 2536 (LECIL AVENUE KUW   First Creek   18   MH 30-11   Heavy raintall in the area resulted in high flows in the collection system. 98,000   8   Construction Completed N/A N/A	3/6/2011	2536	CECIL AVENUE	KUW	First Creek	18 MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.	1,500	3	<b>V</b>	Construction Completed	N/A	N/A
	3/9/2011	2536	CECIL AVENUE	KUW	First Creek	18 MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.	98,000	8	<b>✓</b>	Construction Completed	N/A	N/A

Date	Street #	Street	Plant	Watershed	Basin	Overflow Location	Private Property Location Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
4/16/2011	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11	Heavy rainfall in the area resulted in high flows in the collection system.	24,000	5	✓	Construction Completed	N/A	N/A
12/4/2011 1/23/2012		FOUNTAIN PARK BOULEVARD LONDON CIRCLE	KUW	First Creek First Creek	18 18	MH 72 MH 40	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	325 750	4.5		N/A N/A	BA/Grease Control Repair Completed	12 Months N/A
1/15/2013		MITCHELL STREET	KUW	First Creek	18	MH 30-182	Heavy rainfall in the area resulted in high flows in the collection system.	317,000	120	✓	Future Construction Planned	N/A	N/A
1/30/2013 7/8/2013		MITCHELL STREET MITCHELL STREET	KUW	First Creek First Creek	18 18	MH 30-182 MH 30-182	Heavy rainfall in the area resulted in high flows in the collection system.	19,600 19,000	24 16	<u>√</u>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
5/6/2013		MITCHELL STREET	KUW	First Creek	18	MH 30-182	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	12,500	1	<b>▼</b>	Future Construction Planned	N/A N/A	N/A N/A
2/15/2012		N BROADWAY	KUW	First Creek	18	MH 3-25	Blockage - Grease. The sewer main was flushed & area was cleaned.	265	1.5		N/A	BA/Grease Control	6 Months
9/28/06		SEVENTH AVENUE	KUW	First Creek	18	MHs 15 & 16	Blockage - Roots. The sewer main was flushed & area was cleaned.	6209	6	<b>√</b>	Future Construction Planned	BA	6 Months
2/6/04 12/9/04		SEVENTH AVENUE SEVENTH AVENUE	KUW	First Creek First Creek	18 18	MH 15 MH 15	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	6660 26,928	18.5 8	<u>√</u>	Future Construction Planned Future Construction Planned	BA BA	12 Months 12 Months
11/1/06		SEVENTH AVENUE	KUW	First Creek	18	MH 15	Heavy rainfall in the area resulted in high flows in the collection system.	558	5	· ·	Future Construction Planned	BA	6 Months
1/8/07		SEVENTH AVENUE	KUW	First Creek	18	MH 15	Blockage - Roots. The sewer main was flushed & area was cleaned.	720	2	✓	Future Construction Planned	BA	6 Months
1/24/10 3/4/2011		SEVENTH AVENUE SEVENTH AVENUE	KUW	First Creek First Creek	18 18	MH 15 MH 15	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	90 200	1	<b>✓</b>	Future Construction Planned Future Construction Planned	BA N/A	6 Months N/A
4/18/2011	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15	Heavy rainfall in the area resulted in high flows in the collection system.	200	1	✓	Future Construction Planned	N/A	N/A
4/28/2011 6/25/2011		SEVENTH AVENUE SEVENTH AVENUE	KUW	First Creek First Creek	18 18	MH 15 MH 15	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	5 200	1	<b>✓</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
1/23/2012	3148	WILDERNESS ROAD	KUW	First Creek	18	MH 51 & 52 Lateral Cleanouts at 2522, 2524, 2526 &	Heavy rainfall in the area resulted in high flows in the collection system.	3,000	4	·	N/A	Repair Completed	N/A
1/7/2011 9/24/2012		E FIFTH AVENUE LINDEN AVENUE	KUW	Williams Creek Williams Creek	19 19	2528 E. Fifth Avenue MH 5-240	Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	900 250	2		N/A N/A	BA/Grease Control BA/Grease Control	12 Months 12 Months
5/9/2011		LOUISE AVENUE	KUW	Williams Creek	19	MH 5-240	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	540.000	24		N/A N/A	BA/Grease Control	12 Months
12/10/2011		MILLIGAN STREET	KUW	Williams Creek	19	Grinder Pump	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	10	1		N/A	Repair Completed	N/A
7/16/2012		SELMA AVENUE	KUW		19	MH 2-65	Blockage - Debris, The sewer main was flushed & area was cleaned.	350	1		N/A	BA (Crosse Control	12 Months
1/8/2011 10/15/09		WILSON AVENUE ASHEVILLE HIGHWAY	LC	Williams Creek Loves Creek	19 20	MH 8-1 MH 34-23	Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	760 50	1.5 0.5		N/A Construction Completed	BA/Grease Control N/A	12 Months N/A
2/16/2011	5720	ASHEVILLE HIGHWAY	LC	Loves Creek	20	MH 11-3	Blockage - Roots. The sewer main was flushed & area was cleaned.	2,300	3		N/A	Repair Completed	N/A
4/24/2011		BONNIE VIEW AVENUE E MAGNOLIA AVENUE	LC	Loves Creek	20	MH 74-8	Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	50	2		N/A Future Construction Blancad	BA/Grease Control	6 Months
1/18/2013 11/1/10		E MAGNOLIA AVENUE HOLSTON DRIVE	LC	Loves Creek Loves Creek	20 20	MH 61 Broken Force Main	Heavy rainfall in the area resulted in high flows in the collection system.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	25 170	1.5		Future Construction Planned N/A	N/A Repair Completed	N/A N/A
2/14/10		LINGBURTON AVENUE	LC	Loves Creek	20	Lateral Cleanout	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	5		N/A	Repair Completed	N/A
2/4/08		N BEAMAN STREET	LC	Loves Creek	20	MH 61-8	Blockage - Roots. The sewer main was flushed & area was cleaned.	180	1		Construction Completed	BA	6 Months
8/11/2011 7/20/2012		N BEAMAN STREET N BEAMAN STREET	LC LC	Loves Creek Loves Creek	20 20	MH 61-8 MH 61-8	Blockage - Roots. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	10 Unknown	0.25 Unknown	<u> </u>	Construction Completed Construction Completed	BA N/A	6 Months N/A
8/12/09		SANDIS LANE	LC	Loves Creek	20	Broken Force Main	Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	5,240	1	<u> </u>	N/A	Repair Completed	N/A
1/24/10	5760	SANDIS LANE	LC	Loves Creek	20	Influent Structure	WWTP - Electrical Failure. Electricity was restored.	190000	0.75		N/A	N/A	N/A
2/8/2012		SANDIS LANE	LC	Loves Creek	20	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	7,000	9		N/A	Repair Completed	N/A
9/18/2012 10/16/2012		SANDIS LANE HILTON ROAD	LC KUW	Loves Creek Third Creek	20	MH 1 MH 10-64	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	1,000,800 400	2		N/A N/A	Repair Completed	N/A 9 Months
7/30/08		LANCE DRIVE	KUW	Third Creek	21	MH 10-85	Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	4,900	24		N/A	BA	6 Months
11/23/2011		LANCE DRIVE	KUW	Third Creek	21	MH 10-85	Biockage - Roots. The sewer main was flushed & area was cleaned.	300	3		N/A	BA	6 Months
4/21/2011		MIDDLEBROOK PIKE	KUW	Third Creek	21	MHs 16-48 & 2 Unnamed Manholes	Heavy rainfall in the area resulted in high flows in the collection system.	72,000	6		Future Construction Planned	N/A	N/A
2/7/2012 1/16/2013		MIDDLEBROOK PIKE MIDDLEBROOK PIKE	KUW	Third Creek Third Creek	21	Dewatering Containment MHs 1 & 27-54	Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	150 10.000	0.1 12	<b>✓</b>	N/A Future Construction Planned	Repair Completed N/A	N/A N/A
7/9/2013		MIDDLEBROOK PIKE	KUW	Third Creek	21	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>√</b>	Future Construction Planned	N/A	N/A
2/5/10		BRAGG STREET	KUW	Third Creek	22	MH 21-123	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	1.5		N/A	BA	6 Months
4/28/2013 12/12/2013		JOUROLMAN AVENUE KEITH AVENUE	KUW	Third Creek Third Creek	22	MHs 6-194 & 6-219 & BBU Lateral Cleanout & BBU	BBU Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  BBU Heavy rainfall in the area resulted in high flows in the collection system.	6,350 105	6		N/A Future Construction Planned	BA/Grease Control N/A	6 Months N/A
3/10/10		KNOXVILLE COLLEGE DRIVE	KUW	Third Creek	22	MH 6-78	Vandalism. Blockage was removed & the area was cleaned.	1250	1		N/A	BA	12 Months
10/27/06		MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3	Heavy rainfall in the area resulted in high flows in the collection system.	5100	5		Future Construction Planned	BA	6 Months
9/28/09 2/2/10		MYNDERSE AVENUE MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3 MH 18-3	Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1,000 1000	1	<b>√</b>	Future Construction Planned Future Construction Planned	BA/Grease Control BA	3 Months 6 Months
2/5/10		MYNDERSE AVENUE	KUW	Third Creek Third Creek	22	MH 18-3	Heavy rainfall in the area resulted in high flows in the collection system.	11500	8		Future Construction Planned	BA	6 Months
8/16/10		MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3	Blockage - Grease. The sewer main was flushed & area was cleaned.	50	1	✓	Future Construction Planned	BA/Grease Control	6 Months
6/4/2013		SCHOFIELD STREET	KUW	Third Creek	22	MH 13	Construction Failure - Broken Gravity Main. The sewer main was repaired and the area was cleaned.	40,000	3		N/A	Repair Completed	N/A
4/28/2012 12/9/2013		STERCHI STREET SYCAMORE DRIVE	KUW	Third Creek Third Creek	22 22	MH 11-44 Lateral Cleanout	Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	30 550	1		N/A N/A	BA Repair Completed	6 Months N/A
11/17/2011		TENNESSEE AVENUE	KUW	Third Creek	22	2 Lateral Cleanouts	Blockage - Debris. The sewer main was flushed & area was cleaned.	900	2		N/A	BA	12 Months
4/8/2013		WESTERN AVENUE	KUW	Third Creek	22	MH 18-86	Construction Failure - Dig-in (Pre-Construction Drilling). The sewer main was repaired and the area was cleaned.	20,000	7.5		N/A	Repair Completed	N/A
5/3/10		ARTHUR STREET	KUW		23	MH 19-132	Blockage - Grease. The sewer main was flushed & area was cleaned.	360	2		N/A	BA/Grease Control	6 Months
9/18/2012 2/20/09		SIXTEENTH AVENUE	KUW	Second Creek Second Creek		MHs 98 & 101 MH 21-33	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Grease. The sewer main was flushed & area was cleaned.	120,000 255	0.5		N/A N/A	Repair Completed BA/Grease Control	N/A 6 Months
8/15/2011	110	SIXTEENTH STREET	KUW	Second Creek	23	MH 21-177	Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1		N/A	BA	12 Months
1/26/2011		SIXTEENTH STREET	KUW			MH 21-33	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	700	1.5	·	N/A	Repair Completed	N/A
5/19/10 2/15/10		STEWART STREET THIRTEENTH STREET	KUW	Second Creek Second Creek	23 23	MH 35-56 Broken Gravity Main	Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	35 100	1		N/A N/A	BA Repair Completed	6 Months N/A
11/5/2013		VAN STREET	KUW			MH 19-262	Blockage - Grease. The sewer main was flushed & area was cleaned.	80	1	<b>√</b>	N/A	BA/Grease Control	6 Months
8/12/09		VAN STREET	KUW	Second Creek	23	MHs 28-14, 28-1, & 28 and Subsurface	Blockage - Grease. The sewer main was flushed & area was cleaned.	Unknown	Unknown		Construction Completed	BA/Grease Control	N/A
4/27/2013		VAN STREET W BAXTER AVENUE	KUW	Second Creek		MHs 28-1 & 28-14	Blockage - Grease. The sewer main was flushed & area was cleaned.	1,000	4	✓	N/A	BA/Grease Control	6 Months
3/1/2011 9/9/2013		W BAXTER AVENUE W BAXTER AVENUE	KUW	Second Creek Third Creek	23 23	MH 49 MH 19-231	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	800,000 360	4 0.5		Construction Completed N/A	N/A BA	N/A 12 Months
10/3/2013		W FIFTH AVENUE	KUW			MH 19-190 & 19-189	Blockage - Debris. The sever main was flushed & area was cleaned.  Blockage - Grease and Debris. The sever main was flushed & area was cleaned.	1,300	1.5		N/A	BA/Grease Control	3 Months
6/7/2011	814	W FOURTH AVENUE	KUW	Second Creek	23	MH 19-189	Blockage - Debris. The sewer main was flushed & area was cleaned.	5,550	1.5		N/A	BA	12 Months
8/4/2011		WORLDS FAIR PARK DRIVE E FIFTH AVENUE	KUW	Second Creek	23	MH 19-9	Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	300 7,800	2		Construction Completed	N/A Banair Completed	N/A
6/14/2011 12/9/2012		E GLENWOOD AVENUE	KUW		24 24	Broken Gravity Main MH 25-49	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	7,800 410	2.5		N/A Construction Completed	Repair Completed BA/Grease Control	N/A 6 Months
9/5/2011	1903	JEFFERSON AVENUE	KUW	First Creek	24	MH 25-18 & Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	2,700	5	✓	Construction Completed	N/A	N/A
9/18/2012		JEFFERSON AVENUE	KUW	First Creek	24	MH 25-18	Heavy rainfall in the area resulted in high flows in the collection system.	100	1	<b>√</b>	Construction Completed	N/A	N/A
1/15/2013 1/30/2013		JEFFERSON AVENUE JEFFERSON AVENUE	KUW	First Creek First Creek	24 24	MH 25-18 MH 25-18	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	75 875	1 4	<b>√</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
1/30/2013		JEFFERSON AVENUE JEFFERSON AVENUE	KUW		24	Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	180	3	<b>▼</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
11/16/2011		JEFFERSON AVENUE	KUW		24	Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Completed	N/A	N/A
	4000	IEEEEDONI AVENUE	121 847	First On 1		Lateral Cleanouts at 1907, 1908, & 1909	Hanny relatible the consequent of the black fit. 2, 0, 0, 0, 0	450	0.5		Construction Const.	A1/A	h114
4/00/00	1908 .	JEFFERSON AVENUE JEFFERSON AVENUE	KUW	First Creek First Creek	24 24	Jefferson Ave Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	150 50	0.5	<b>✓</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
1/23/2012	10∩Ω						ricary raminal in the area resulted in high hows in the collection system.		1 1	•		14/7	
1/23/2012 6/18/2013 4/2/2012		JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	40	1	✓	Construction Completed	N/A	N/A
6/18/2013 4/2/2012	1909	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout				<b>√</b>	Construction Completed		
6/18/2013 4/2/2012	1909 . 1810 & 1908 .		KUW		24		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	750 530	1 1 0.5	<b>∀</b>		N/A N/A BA	N/A N/A 6 Months

Date	Street # Street	Plant	Watershed	Basin	Overflow Location	Private Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
2/15/2011	2236 MARTIN LUTHER KING JR DRIVE	KUW	First Creek	24	MH 6-154		Blockage - Grease. The sewer main was flushed & area was cleaned.	30	1		N/A	BA/Grease Control	6 Months
8/16/10 5/30/2013	1104 MCCALLA AVENUE 1501 WASHINGTON AVENUE	KUW	First Creek First Creek	24 24	MH 11-1 MH 24-13		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	1000 210	1		N/A N/A	Repair Completed BA	N/A 3 Months
2/28/2011	2102 WASHINGTON AVENUE	KUW	First Creek	24	MH 25-114		Heavy rainfall in the area resulted in high flows in the collection system.	190,000	4		Construction Completed	N/A	N/A
8/17/2012	524 BEN HUR AVENUE	KUW	Williams Creek		Broken Lateral & BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Months
2/16/2011 1/24/10	604 BEN HUR AVENUE 1109 BIDDLE STREET	KUW	Williams Creek		Abandoned Lateral Cleanout Lateral Cleanout & BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	500 1000	1.5		N/A N/A	BA BA	6 Months 6 Months
7/7/2011	800 GRAVES STREET	KUW	Williams Creek Williams Creek		MH 31	BBU	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	500	1		N/A N/A	BA/Grease Control	3 Months
9/7/2011	2111 MOHAWK AVENUE	KUW	Williams Creek		MH 4-2		Blockage - Grease. The sewer main was flushed & area was cleaned.	5,400	12	<b>✓</b>	N/A	BA/Grease Control	12 Months
7/8/2012	2111 MOHAWK AVENUE	KUW	Williams Creek		MH 4-2		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1,100	5	✓	N/A	Repair Completed	N/A
2/28/2011 7/7/2013	2008 RIVERSIDE DRIVE 2008 RIVERSIDE DRIVE	KUW	Williams Creek Williams Creek		MH 2 MH 2		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	720,000 6,000	4	<b>✓</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
3/27/2013	2418 SELMA AVENUE	KUW			Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	800	1	,	N/A	BA/Grease Control	6 months
11/12/2011	1017 ANDES ROAD	LC	Loves Creek	26	MH 72-152		Blockage - Grease. The sewer main was flushed & area was cleaned.	250	2		N/A	BA/Grease Control	12 Months
1/20/2011 3/9/2011	5405 GREEN VALLEY DRIVE 5405 GREEN VALLEY DRIVE	LC	Loves Creek Loves Creek	26 26	Air Release Valve Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.  Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	20 150	0.5	<b>√</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
10/24/2012	5408 GREEN VALLEY DRIVE	LC	Loves Creek	26	Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	50	0.25		N/A	Repair Completed	N/A
3/2/2011	5508 GREEN VALLEY DRIVE	LC	Loves Creek	26	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	2,025	1	✓	Construction Completed	N/A	N/A
7/25/2013 2/28/2011	5817 GREEN VALLEY DRIVE 4014 HOLSTON HILLS ROAD	LC LC	Loves Creek Loves Creek	26 26	MH 16 MHs 72 &75		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	10 295,000	0.5	<b>✓</b>	N/A Future Construction Planned	Repair Completed N/A	N/A N/A
6/29/2011	4014 HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 72		Heavy rainfall in the area resulted in high flows in the collection system.	200	1	<b>√</b>	Future Construction Planned	N/A	N/A
5/3/10	5816 HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4 and BBU	BBU	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	940	1.5		N/A	Repair Completed/BA	12 Months
3/1/2012	1125 MONTVIEW ROAD	LC	Loves Creek	26	MH 65-131		Blockage - Roots. The sewer main was flushed & area was cleaned.	60	1		N/A	BA	12 Months
2/24/2011 11/7/2013	1204 PICKWICK ROAD 1500 AMHERST ROAD	FC FC	Loves Creek Fourth Creek	26 27	Lateral Cleanout MH 22-68		Blockage - Grease. The sewer main was flushed & area was cleaned.  Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	30 200	0.25		N/A N/A	BA/Grease Control Repair Completed	12 Months N/A
6/10/2013	1725 AMHERST ROAD	FC	Fourth Creek		Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10	1		N/A	Repair Completed	N/A
5/16/2013	1450 DOWELL SPRINGS BOULEVARD	FC	Fourth Creek	27	MH 24-94		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	0.5		N/A	BA	12 Months
11/23/2011 2/23/2011	5525 LONAS DRVIE 1932 OLD AMHERST ROAD	FC FC	Fourth Creek Fourth Creek	27 27	MH 9-21 Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Grease. The sewer main was flushed & area was cleaned.	40 3.000	1 4	<b>√</b>	N/A Construction Completed	BA/Grease Control BA/Grease Control	6 Months 12 Months
3/1/2011	1932 OLD AMHERST ROAD 1940 OLD AMHERST ROAD	FC	Fourth Creek	27	MH 22-117		Heavy rainfall in the area resulted in high flows in the collection system.	3,000	1	<b>√</b>	Construction Completed  Construction Completed	N/A	N/A
7/13/2012	914 PINEY GROVE CHURCH ROAD	FC			MH 49-110		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,800	3		N/A	BA	12 Months
5/8/2013 9/17/2013	701 WEST HILLS ROAD 1017 COX STREET	FC KUW	Fourth Creek		MH 54 Broken Gravity Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Broken System - Leaking Joint on Gravity Main. The sewer main was repaired & the area was cleaned.	400	16		N/A N/A	Repair Completed Repair Completed	N/A N/A
4/5/2011	4228 CROSBY DRIVE	KUW	Third Creek Third Creek	28 28	MH 27-3		Blockage - Roots. The sewer main was flushed & area was cleaned.	75 75	1		N/A N/A	BA	6 Months
7/31/2013	4604 CROSBY DRIVE	KUW	Third Creek	28	MH 36		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	150	2		N/A	Repair Completed	N/A
7/13/10	4605 CROSBY DRIVE	KUW	Third Creek	28	Lateral Cleanout		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	1450	2		N/A	BA/Grease Control	6 Months
9/10/04	409 N BELLEMEADE AVENUE 409 N BELLEMEADE AVENUE	KUW	Third Creek Third Creek	28 28	MH 3-53 MH 3-53		Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	180 75	1.25	✓ ✓	Construction Completed Construction Completed	BA/Grease Control BA	1 Month 1 Month
10/19/04	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	Underground Flow		Blockage - Grease. The sewer main was flushed & area was cleaned.	2805	27	<b>√</b>	Construction Completed	BA/Grease Control	1 Month
12/9/04	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	2640	22	✓	Construction Completed	BA	1 Month
7/28/08	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	300	1	<b>√</b>	Construction Completed	Repair Completed	N/A
3/24/2011 10/16/2012	409 N BELLEMEADE AVENUE 409 N BELLEMEADE AVENUE	KUW	Third Creek Third Creek	28 28	MH 3-53 MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	300 35	1	<b>✓</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
2/4/2013	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	500	1	·	Construction Completed	N/A	N/A
7/8/2013	409 N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
10/25/10	4509 PAPERMILL DRIVE 1904 SANDERSON ROAD	KUW	Third Creek	28 28	MH 31 MH 16-27		Blockage - Debris. The sewer main was flushed & area was cleaned.	500 50	0.5		N/A N/A	BA Banair Campleted/DA	6 Months 6 Months
3/8/10 4/7/2012	1925 AILOR AVENUE	KUW	Third Creek Third Creek	29	Lateral Cleanout		Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1		N/A N/A	Repair Completed/BA BA	12 Months
9/26/2013	2501 AILOR AVENUE	KUW	Third Creek	29	MH 16		Blockage - Debris. The sewer main was flushed & area was cleaned.	5,600	2		N/A	BA	12 Months
9/18/2013 7/15/10	2308 FOREST AVENUE 2201 HIGHLAND AVENUE	KUW	Third Creek Third Creek	29 29	MH 9-12 MH 9-29		Construction Failure - Dig-in (Pre-Construction Drilling). The sewer main was repaired and the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	500 100	2		N/A N/A	Repair Completed BA	N/A 12 Months
6/28/10	2911 JERSEY AVENUE	KUW	Third Creek	29	MH 8-30		Blockage - Roots. The sewer main was flushed & area was cleaned.	3,200	24		Construction Completed	BA	3 Months
12/3/08	3413 KINGSTON PIKE	KUW	Third Creek	29	Broken Gravity Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	200	10		Construction Completed	N/A	N/A
2/15/2011	3413 KINGSTON PIKE	KUW	Third Creek	29	Temporary Sewer Main	2011	Construction Failure - A failed connection on a temporary system was repaired & the area was cleaned.	25	1		Construction Completed	N/A	N/A
3/7/2012 9/6/2013	312 NINETEENTH AVENUE 1901 SUTHERLAND AVENUE	KUW	Third Creek Third Creek	29 29	Floor Drain and BBU MH 23	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	35 700	0.75		N/A N/A	BA BA/Grease Control	9 Months 12 Months
8/16/10	815 S CENTRAL STREET	KUW	First Creek	30	MH 3-7		Heavy rainfall in the area resulted in high flows in the collection system.	250	0.5		Future Construction Planned	N/A	N/A
2/28/2011	815 S CENTRAL STREET	KUW	First Creek	30	MH 3-7		Heavy rainfall in the area resulted in high flows in the collection system.	100	8		Future Construction Planned	N/A	N/A
3/7/2012	620 W HILL AVENUE	KUW	First Creek	30	Unnamed MH		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	800	8		N/A	Repair Completed	N/A
1/29/2013 4/16/2011	900 E HILL AVENUE 2004 RIVERSIDE DRIVE	KUW	Williams Creek Williams Creek		MH 6-62 MH 1-1		Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	180 2,000	1 1	<b>✓</b>	N/A Future Construction Planned	BA/Grease Control N/A	12 Months N/A
7/7/2011	2004 RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	1,000	1	✓	Future Construction Planned	N/A	N/A
9/18/2012	2004 RIVERSIDE DRIVE		Williams Creek		MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	200,000	6	<b>✓</b>	Future Construction Planned	N/A	N/A
1/15/2013	2004 RIVERSIDE DRIVE 2004 RIVERSIDE DRIVE		Williams Creek Williams Creek		MH 1-1 MH 1-1	+	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	628,000 13,100	28 14	<b>√</b>	Future Construction Planned Future Construction Planned	N/A N/A	N/A N/A
9/26/10	906 BATHURST ROAD		Fourth Creek	32	MH 4-23		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	1		Construction Completed	BA	12 Months
9/6/10	8083 KINGSTON PIKE 6024 BROOKVALE LANE	FC	Fourth Creek Fourth Creek		MH 9-4 MH 15		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	24000 90	48	<b>✓</b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
3/26/09 3/10/10	6024 BROOKVALE LANE 6024 BROOKVALE LANE	FC FC	Fourth Creek		MH 15 MH 15		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	90 Unknown	1 Unknown	· · ·	Construction Completed Construction Completed	N/A N/A	N/A N/A
5/20/10	410 HASTINGS LANE	FC	Fourth Creek	33	MH 32-48		Blockage - Roots. The sewer main was flushed & area was cleaned.	200	1		N/A	BA	6 Months
2/15/2011	6140 KIRBURY LANE	FC	Fourth Creek		MH 65-19		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	1		N/A	BA	12 Months
4/14/2011 1/27/10	4418 KINGSTON PIKE	KUW	Third Creek		Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10 1.000	2		N/A	Repair Completed	N/A
1/2//10	4611 KINGSTON PIKE 5011 KINGSTON PIKE	KUW	Third Creek Third Creek	34 34	Broken Gravity Main MH 58		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1,000 5,600	1 11		N/A Construction Completed	Repair Completed N/A	N/A N/A
4/17/10	5011 KINGSTON PIKE	FC	Fourth Creek	34	MH 58		Broken System - Protruding Lateral. The lateral was repaired & the area was cleaned.	290	1.4		Construction Completed  Construction Completed	N/A	N/A
1/1/2011	5011 KINGSTON PIKE	FC	Fourth Creek	34	MH 58		Heavy rainfall in the area resulted in high flows in the collection system.	600	3	✓	Construction Completed	N/A	N/A
9/6/2011	5011 KINGSTON PIKE	KUW	Third Creek	34	MH 58		Blockage - Debris. The sewer main was flushed & area was cleaned.	2,000	5	✓	Construction Completed	BA	6 Months
12/3/10 4/16/09	100 LEBANON STREEET 5032 LYONS VIEW PIKE	KUW	Third Creek Third Creek	34 34	Private Manhole Grinder Pump		Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	40 510	6.5		N/A N/A	Repair Completed Repair Completed	N/A N/A
1/3/2012	4534 OLD KINGSTON PIKE	KUW	Third Creek	34	Bypass System		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	50	0.1	<b>√</b>	Construction Completed	Repair Completed	N/A
4/30/10	6712 DEANE HILL DRIVE	FC	Fourth Creek	36	MH 3-176		Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.	4320	1		N/A	Repair Completed	N/A
11/5/2011	846 HANSMORE PLACE	FC	Fourth Creek		MH 3-325		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	3		N/A	BA Barrie Consulatori	12 Months
10/15/2013	1221 MILAM CIRCLE 7100 ROTHERWOOD DRIVE		Fourth Creek Fourth Creek		MH 12-3 MH 33		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.  Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	7,500 700	8 1.5	<b>✓</b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
1/25/10	7100 ROTHERWOOD DRIVE	FC	Fourth Creek	36	MHs 32, 33, 34 & 36		Heavy rainfall in the area resulted in high flows in the collection system.	41575	36	<i>'</i>	Construction Completed	N/A	N/A
2/5/10	7104 ROTHERWOOD DRIVE		Fourth Creek	36	MH 34		Heavy rainfall in the area resulted in high flows in the collection system.	51015	71	<b>√</b>	Construction Completed	N/A	N/A
4/29/2011	6928 WESTLAND DRIVE 1108 WHITOWER DRIVE	FC FC	Fourth Creek Fourth Creek		Broken Gravity Main Subsurface		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Broken System - Sewer Main Collapse. The sewer main is repaired and the area was cleaned.	57,000 120	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
	1705 COTTAGEWOOD WAY	FC			Lateral		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	15	6		N/A	Repair Completed	N/A
9/6/2013 1/11/2013				37	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10	3		N/A	Repair Completed	N/A
1/11/2013 8/27/10	1700 EVENING SHADE LANE	FC											
1/11/2013		FC FC	Fourth Creek Fourth Creek Fourth Creek	37	MH 1 MH 1		WWTP - Electrical Failure. Electricity was restored.  Heavy rainfall in the area resulted in high flows in the collection system.	1,916,000 134,000	2 0.13	<b>✓</b>	N/A Construction Underway	Repair Completed N/A	N/A N/A

							Private Property			Event occurred two or more times within 12		Short-Term Controls	
Date 2/15/02	Street # Stre		Plant	Watershed	Basin	Overflow Location  MH 1	Location Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	months	Long-Term Capital Project	Blockage Abatement (BA) N/A	BA Schedule
2/15/03 2/16/03	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	136,000 871,000	6	<b>√</b>	Construction Underway Construction Underway	N/A N/A	N/A N/A
5/6/03	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	26,710	8.5	✓	Construction Underway	N/A	N/A
5/15/03 7/9/03	1500 LYONS BEND ROAD			Fourth Creek	37 37	MH 1 MH 1	WWTP - Electrical Failure. Electricity was restored.  WWTP - Electrical Failure. Electricity was restored.	1,500,000	3 3.14	<b>√</b>	Construction Underway	N/A N/A	N/A N/A
12/11/03	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37	MH 1	WWTP - Electrical Failure. Electricity was restored.  WWTP - Electrical Failure. Electricity was restored.	1,370,000 48,650	0.33	· · ·	Construction Underway N/A	Repair Completed	N/A N/A
6/17/04	1500 LYONS BEND ROAD		FC	Fourth Creek	37	Primary Clarifiers 3, 4, 5 & 6	Heavy rainfall in the area resulted in high flows in the collection system.	2000	0.58		Construction Underway	N/A	N/A
9/22/04	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	WWTP - Mechanical Failure. Plant was reinstated.	102,483	0.5	<b>√</b>	N/A	Repair Completed	N/A
11/24/04	1500 LYONS BEND ROAD			Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	250	0.007	✓	Construction Underway	N/A	N/A
12/9/04 12/9/04	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37 37	Aeration Splitter Box MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	29,123 113.590	2.67 1.83	<b>✓</b>	Construction Underway Construction Underway	N/A N/A	N/A N/A
3/28/05	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	50,410	2	✓	Construction Underway	N/A	N/A
9/23/06	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	489000	2.88		Construction Underway	N/A	N/A
6/7/07	1500 LYONS BEND ROAD		FC	Fourth Creek	37	Leaking Valve	Broken System - Sludge Line Valve Failure. The valve was replaced & the area cleaned.	25	0.58		N/A	Repair Completed	N/A
9/26/09 12/9/09	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37 37	MH 1 MH 1	WWTP - Electrical Failure. Electricity was restored.  WWTP - Electrical Failure. Electricity was restored.	40,000 480,000	0.06 0.45	<b>√</b>	Construction Underway N/A	N/A Repair Completed	N/A N/A
1/24/10	1500 LYONS BEND ROAD			Fourth Creek	37	MH 1 & MLSS Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	74000	1.62		Construction Underway	N/A	N/A
12/1/10	1500 LYONS BEND ROAD			Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1840000	11.5		Construction Underway	N/A	N/A
1/1/2011	1500 LYONS BEND ROAD			Fourth Creek	37	MH 1 & MLSS Wetwell	Heavy rainfall in the area resulted in high flows in the collection system.	380,000	2.82	✓	Construction Underway	N/A	N/A
2/28/2011 3/9/2011	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37 37	MH 1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	590,000 160,000	5.75 2.38	✓ ✓	Construction Underway Construction Underway	N/A N/A	N/A N/A
4/16/2011	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	rieavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	350.000	2.82	· ·	Construction Underway	N/A N/A	N/A
4/28/2011	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	680,000	5.82	✓	Construction Underway	N/A	N/A
9/5/2011	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,240,000	17.35	<b>V</b>	Construction Underway	N/A	N/A
1/28/2011	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD		FC FC	Fourth Creek Fourth Creek	37 37	MH 1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	398,650 40,000	6.42 0.08	<b>✓</b>	Construction Underway Construction Underway	N/A N/A	N/A N/A
3/7/2012	1500 LYONS BEND ROAD				37	MH 1	WWTP - Electrical Failure. Electricity was restored.	97,300	0.06	· ·	N/A	Repair Completed	N/A
9/18/2012	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	1,823,600	8.5	<b>/</b>	N/A	Repair Completed	N/A
1/15/2013	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	4,285,300	36.26	<b>√</b>	Construction Underway	N/A	N/A
1/30/2013	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	905,700	9.17	<b>*</b>	Construction Underway	N/A	N/A
4/28/2013 7/7/2013	1500 LYONS BEND ROAD 1500 LYONS BEND ROAD	-	FC FC	Fourth Creek Fourth Creek	37 37	MH 1 & Influent Pump Room MH 1	Electrical Failure - WWTP. Electricity was restored and the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1,660,879 1,732,500	5.18 8.75	<b>✓</b>	N/A Construction Underway	Repair Completed N/A	N/A N/A
9/22/2013	1500 LYONS BEND ROAD		FC	Fourth Creek	37	MH 1	Electrical Failure - WWTP. Electricity was restored.	227,000	0.93	· ·	Construction Underway	N/A	N/A
10/8/2012	5032 LYONS VIEW PIKE		FC	Fourth Creek	37	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	4	1.5	/	N/A	Repair Completed	N/A
11/30/2012	5032 LYONS VIEW PIKE		FC	Fourth Creek	37	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5	<b>√</b>	N/A	Repair Completed	N/A
11/8/2013	5032 LYONS VIEW PIKE		FC	Fourth Creek	37 37	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2	· ·	N/A	Repair Completed	N/A
4/29/2011 1/18/10	1704 POLKWRIGHT LANE 1712 POLKWRIGHT LANE		FC FC	Fourth Creek Fourth Creek	37	Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.25		N/A N/A	Repair Completed Repair Completed	N/A N/A
3/12/2011	1712 POLKWRIGHT LANE			Fourth Creek	37	Grinder Pump	Grinder Pump Faillure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
3/13/2011	1716 POLKWRIGHT LANE			Fourth Creek	37	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
6/24/2011 5/9/2011	1722 POLKWRIGHT LANE 1728 POLKWRIGHT LANE			Fourth Creek		Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.08		N/A N/A	Repair Completed Repair Completed	N/A N/A
9/25/06	6410 S NORTHSHORE DE			Fourth Creek Fourth Creek		MH 8	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	304380	6		Construction Completed	N/A	N/A
2/19/10	6410 S NORTHSHORE DE			Fourth Creek		MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Construction Completed	N/A	N/A
3/17/2011	6410 S NORTHSHORE DE			Fourth Creek		MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	<b>V</b>	Construction Completed	N/A	N/A
4/16/2011 4/28/2011	6410 S NORTHSHORE DF 6410 S NORTHSHORE DF			Fourth Creek Fourth Creek	37 37	MH 8 MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	19,000 8,700	5	<b>✓</b>	Construction Completed	N/A N/A	N/A N/A
9/6/2011	6410 S NORTHSHORE DE			Fourth Creek		MH 8	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	13,000	1	· /	Construction Completed Construction Completed	N/A N/A	N/A
9/18/2012	6410 S NORTHSHORE DE			Fourth Creek	37	MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	40,000	2	<b>√</b>	Construction Completed	N/A	N/A
1/16/2013	6410 S NORTHSHORE DE		FC	Fourth Creek	37	MH 8	Heavy rainfall in the area resulted in high flows in the collection system.	5,800	4	<b>✓</b>	Construction Completed	N/A	N/A
7/10/2013 3/7/2011	6410 S NORTHSHORE DF 4420 ALTA VISTA WAY		FC KUW	Fourth Creek Third Creek	37 38	MH 8 Broken Gravity Main	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Debris. The sewer main was flushed & area was cleaned.	Unknown 13.000	Unknown 2	<b>V</b>	Construction Completed N/A	N/A BA	N/A 12 Months
12/4/2011	520 CHEROKEE BOULE		KUW	Third Creek	38	Broken Gravity Main	Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	3,500	1		N/A	BA	12 Months
5/25/2011	1917 CHEROKEE BOULE		KUW	Third Creek	38	MH 25	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
5/2/2011	3604 HILLVALE CIRCLE		KUW	Third Creek	38	MH 1-115	Heavy rainfall in the area resulted in high flows in the collection system.	100	6		Construction Completed	N/A BA	N/A
4/18/2013 3/13/2012	1212 KENESAW AVENUE 929 KEOWEE AVENUE		KUW KUW	Third Creek Third Creek	38 38	MH 24-168 Broken Gravity Main	Blockage - Debris. The sewer main was flushed & area was cleaned.  Construction Failure by Customer - Dig-In. A section sewer main was repaired & the area was cleaned.	30 900	24		N/A N/A	Repair Completed	6 Months N/A
10/4/2013	3547 TALAHI DRIVE		KUW	Third Creek	38	MH 13-54	Blockage - Debris. The sewer main was flushed & area was cleaned.	180	2		N/A	BA	12 Months
5/10/09	3560 TALAHI DRIVE	K	KUW	Third Creek	38	Lateral Cleanout	Blockage - Debris. The sewer main was flushed & area was cleaned.	140	1		N/A	BA	12 Months
5/10/2012	3560 TALAHI DRIVE		KUW	Third Creek	38	Lateral Cleanout	Blockage - Debris. The sewer main was flushed & area was cleaned.	400	3		N/A	BA	9 Months
1/31/2011	4216 VALENCIA ROAD		KUW	Third Creek	38	MH 49-9	Blockage - Roots. The sewer main was flushed & area was cleaned.	65	2		N/A	BA	6 Months
10/24/2013	3847 WILANI ROAD 3704 CHAPMAN HIGHWA		KUW KUW	Third Creek South Knoxville	38 39	Lateral Cleanout MHs 28-53 & 28-54	Blockage - Debris. The sewer main was flushed & area was cleaned.  Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	20 510	0.17	1	N/A N/A	BA Repair Completed	12 Months N/A
9/17/2012				South Knoxville		MHs 81 & 82	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	4,900	6	<del> </del>	N/A	Repair Completed	N/A
3/8/03	4411 CYPRESS LANE			South Knoxville		MH 62-21	Blockage - Roots. The sewer main was flushed & area was cleaned.	1440	8		N/A	BA	12 Months
4/21/06	4411 CYPRESS LANE	k		South Knoxville		MH 62-21	Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	225	3		N/A	BA	3 Months
2/28/2011	113 DRINNEN AVENUE			South Knoxville		MHs 28-26 & 28-27	Heavy rainfall in the area resulted in high flows in the collection system.	600	2		Construction Completed	N/A	N/A
10/28/2012 2/16/2011	4500 E END ROAD 512 FLENNWOOD WAY			South Knoxville South Knoxville		Lateral Cleanout MH 61	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	20 3,200	1 3		N/A N/A	BA/Grease Control	12 Months 6 Months
3/19/2011	123 INGERSOLL AVENU			South Knoxville		Lateral Cleanout	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	12	1		N/A N/A	BA/Grease Control	6 Months
6/12/2013	4714 JULIAN STREET			South Knoxville	39	MH 40-28	Blockage - Debris. The sewer main was flushed & area was cleaned.	1,500	3		N/A	BA	6 Months
7/22/2012	3616 KEITH AVENUE		KUW	Third Creek	39	MH 15-145	Blockage - Debris. The sewer main was flushed & area was cleaned.	50	1		N/A	BA	6 Months
7/7/2013	438 MARYVILLE PIKE			South Knoxville		MHs 27-2 & 27-3	Heavy rainfall in the area resulted in high flows in the collection system.	800	11		Construction Completed	N/A	N/A
3/29/2011 10/20/09	702 REDWINE STREET 850 TALLY HO DRIVE			South Knoxville South Knoxville		MH 5 MH 62-21	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	100 1.870	0.25		N/A N/A	Repair Completed BA	N/A 6 Months
2/17/2011	850 TALLY HO DRIVE			South Knoxville		MH 62-21	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	1,670	1		N/A N/A	BA/Grease Control	9 Months
7/5/10	3808 W BLOUNT AVENUE			South Knoxville		Broken Sewer Lateral	Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	13000	24		N/A	Repair Completed	N/A
11/28/2011	2110 ATCHLEY STREET		KUW	South Knoxville	40	MH 1-80	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	100	2		N/A	Repair Completed	N/A
1/7/2013	1000 BAKER AVENUE			South Knoxville		MH 40-7	Blockage - Roots. The sewer main was flushed & area was cleaned.	450	1		N/A	BA Crosse Control	6 Months
10/26/2013 9/10/2012	1216 BAKER AVENUE 423 BUSBEE ROAD		KUW KUW	South Knoxville South Knoxville		Lateral Cleanout and BBU MH 47-94	BBU Blockage - Grease. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	10 25	0.25	-	N/A N/A	BA/Grease Control Repair Completed	6 Months N/A
2/28/2011	1127 E MOODY AVENUE			South Knoxville		MH 40-3	Heavy rainfall in the area resulted in high flows in the collection system.	600	2		Construction Completed	N/A	N/A
6/17/04	1210 E MOODY AVENUE			South Knoxville		MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	4675	4	✓	Construction Completed	N/A	N/A
6/25/04	1210 E MOODY AVENUE	k	KUW	South Knoxville	40	MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	1080	2		Construction Completed	N/A	N/A
7/27/04	1210 E MOODY AVENUE					MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	<b>V</b>	Construction Completed	N/A	N/A
12/9/04	1210 E MOODY AVENUE	-		South Knoxville		MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	85,170	41.75	<i>✓</i>	Construction Completed	N/A	N/A
9/23/06 11/1/06	1210 E MOODY AVENUE 1210 E MOODY AVENUE			South Knoxville South Knoxville	40 40	MH 39 MH 39	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	8640 720	6	<b>✓</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
12/10/08	1210 E MOODY AVENUE					MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	1,100	4		Construction Completed	N/A	N/A
1/6/09	1210 E MOODY AVENUE			South Knoxville	40	MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	7,400	14.5	✓	Construction Completed	N/A	N/A
5/8/09 6/17/09	1210 E MOODY AVENUE			South Knoxville		MH 39	Heavy rainfall in the area resulted in high flows in the collection system.	540	1.5	<b>√</b>	Construction Completed	N/A	N/A
	1210 E MOODY AVENUE			South Knoxville		MH 39 MH 39	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	51,771 254	3	✓ ✓	Construction Completed Construction Completed	N/A N/A	N/A N/A
7/13/09	1210 E MOODY AVENUE			South Knoxville									

1210   MOCOPY AVENUE   KUW   South Knooville   40    MH-39    Heavy partial in the area resulted in high flows in the collection system.   40    0.5    ✓	Construction Completed	NI/A	N/A
12016   MOCONY AVENUE	Construction Completed	N/A	N/A
374   EAKERS STREET   KUW   South Knooville   40   MH 47   Heavy mindfall in the area resulted in high flows in the collection system.   1,200   4   7,200   6374   EAKERS STREET   KUW   South Knooville   40   MH 47   Heavy mindfall in the area resulted in high flows in the collection system.   1,056   8   60   7,000   60   7,000   60   7,000   60   7,000   60   7,000   60   7,000   7,0	Construction Completed N/A N/A N/A N/A N/A N/A N/A Construction Completed	N/A	N/A
52406   374   EAKERS STREET	Construction Completed N/A N/A N/A N/A N/A Construction Completed	NI/A NI/A NI/A NI/A NI/A NI/A NI/A NI/A	N/A
86/09   3741   EAKER STREET   KUW   South Knownile   40   MH+47   Heavy rainfall in the area resulted in high flows in the collection system.   1,900   3   7   7   7   7   7   7   7   7   7	Construction Completed N/A N/A N/A N/A N/A N/A Construction Completed	N/A	N/A
1,25/10   3741   EAKERS STREET   KUW   South Knooville   40   MH 47   Heavy rainfall in the area resulted in high flows in the collection system.   1,900   3   V	Construction Completed N/A N/A N/A N/A N/A N/A Construction Completed	N/A	N/A
S73/10   3741   EAKERS STREET   KUW   South Knoxville   40   MH 47   Heavy grinfall in the area resulted in high flows in the collection system.   450   2.5   x	Construction Completed N/A N/A N/A N/A N/A N/A Construction Completed	N/A	N/A
3/1/2011   3741   EAKERS STREET   KUW   South Knoxville   40   MH 47   Heavy rainfall in the area resulted in high flows in the collection system.   67,500   3   √	Construction Completed Construction Completed Construction Completed Construction Completed Construction Completed N/A N/A N/A N/A N/A N/A Construction Completed	N/A N/A N/A N/A N/A N/A N/A N/A BA/Grease Control Repair Completed Repair Completed Repair Completed Repair Completed Repair Completed N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A 6 Months N/A N/A N/A N/A N/A
A176/2011   3741   EAKERS STREET   KUW   South Knowlile   40   MHs 47 & 47-103   Heavy rainfall in the area resulted in high flows in the collection system.   1,900   1   √	Construction Completed Construction Completed Construction Completed Construction Completed N/A N/A N/A N/A N/A Construction Completed	N/A N/A N/A N/A N/A N/A BA/Grease Control Repair Completed Repair Completed Repair Completed Repair Completed Repair Completed N/A N/A N/A	N/A N/A N/A N/A N/A N/A 6 Months N/A N/A N/A N/A N/A N/A
1/24/2012   3741   EAKERS STREET   KLW   South Knoxville   40   MH 47   Heavy rainfall in the area resulted in high flows in the collection system.   40   MH 47-103   Heavy rainfall in the area resulted in high flows in the collection system.   40   MH 47-103   Heavy rainfall in the area resulted in high flows in the collection system.   40   MH 47-103   Heavy rainfall in the area resulted in high flows in the collection system.   5,000   2   MH 47-103   EAKERS STREET   KLW   South Knoxville   40   MH 47-103   Heavy rainfall in the area resulted in high flows in the collection system.   5,000   2   MH 47-103   EAKERS STREET   KLW   South Knoxville   40   MH 47-103   EAKERS STREET   KLW	Construction Completed  Construction Completed  N/A  N/A  N/A  N/A  N/A  N/A  Construction Completed	N/A N/A N/A BA/Grease Control Repair Completed Repair Completed Repair Completed Repair Completed Repair Completed N/A N/A N/A N/A	N/A N/A 6 Months N/A N/A N/A N/A N/A N/A N/A
3/7/2011   243 GILBERT LANE	N/A N/A N/A N/A N/A N/A N/A Construction Completed	BA/Grease Control Repair Completed Repair Completed Repair Completed Repair Completed Repair Completed N/A N/A N/A	6 Months N/A N/A N/A N/A N/A N/A N/A
124/2011   500   MINOSA AVENUE   KUW   South Knoxville   40   MH 1-85   Broken System - Manhole Failure. The manhole was repaired & the area was cleaned.   10,000   5	N/A N/A N/A N/A N/A N/A N/A Construction Completed	Repair Completed Repair Completed Repair Completed Repair Completed Repair Completed NI/A NI/A NI/A	N/A N/A N/A N/A N/A
7/7/2013 2327 SOUTH HAVEN ROAD KUW South Knoxville 40 MH 24-27 Heavy rainfall in the area resulted in high flows in the collection system.  500 1  10/12/2012 521 TALIWA DRIVE KUW South Knoxville 40 Broken Gravity Main Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  50 3  50 1  50 3  50 3  50 3  50 3  50 3  50 3  50 3  50 3  50 3  50 3  50 4  50 8  50 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  600 0.5 ✓  600 0.34 ✓  600 0.	N/A N/A N/A Construction Completed	Repair Completed Repair Completed N/A N/A N/A	N/A N/A N/A
2/16/03   961   E FORD VALLEY ROAD   KUW   Knob Creek   41   Wetwell   Metwell   Heavy rainfall in the area resulted in high flows in the collection system.   180   2   ✓	Construction Completed	N/A N/A N/A	N/A
3/13/03   961   E FORD VALLEY ROAD   KUW   Knob Creek   41   Wetwell   Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.   600   0.5   ✓	Construction Completed Construction Completed Construction Completed Construction Completed Construction Completed Construction Completed	N/A N/A	
3/30/03   961   E FORD VALLEY ROAD   KUW   Knob Creek   41   Wetwell   Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.   9000   3   ✓	Construction Completed Construction Completed Construction Completed Construction Completed		
3/31/03   961   E FORD VALLEY ROAD   KUW   Knob Creek   41   Wetwell   Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.   1500   0.5   ✓	Construction Completed Construction Completed Construction Completed		N/A N/A
12/30/03         961 E FORD VALLEY ROAD         KUW         Knob Creek         41         Wetwell         Construction Failure - Sewer Main Flushing. The area was cleaned.         30         0.17         ✓           2/6/04         961 E FORD VALLEY ROAD         KUW         Knob Creek         41         Wetwell         Heavy rainfall in the area resulted in high flows in the collection system.         54,000         9         ✓           3/6/04         961 E FORD VALLEY ROAD         KUW         Knob Creek         41         Wetwell         Heavy rainfall in the area resulted in high flows in the collection system.         3000         1         ✓           6/25/04         961 E FORD VALLEY ROAD         KUW         Knob Creek         41         Wetwell         Heavy rainfall in the area resulted in high flows in the collection system.         11,520         4         ✓	Construction Completed	N/A	N/A
3/6/04 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 3000 1 ✓ 6/25/04 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 11,520 4 ✓	0 1 11 0 11 1	N/A N/A	N/A N/A
6/25/04 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 11,520 4 ✓	Construction Completed	N/A	N/A N/A
9/23/06 961   E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 9000 5	Construction Completed Construction Completed	N/A N/A	N/A N/A
9/24/07 961 E FORD VALLEY ROAD KUV Knob Creek 41 Broken Force Main Construction Failure - Dig-In. Force main was repaired & the area was cleaned. 4,500 1.5	Construction Completed Construction Completed	N/A Repair Completed	N/A N/A
1/6/09 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 60,000 10 ✓	Construction Completed	N/A N/A	N/A N/A
9/23/09 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Pump Station - Electrical Failure. Electricity was restored & the area was cleaned. 14,400 8	Construction Completed Construction Completed	N/A	N/A
9/26/09 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Heavy rainfall in the area resulted in high flows in the collection system. 6,000 2 ✓ 9/27/09 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned. 1,800 1 ✓	Construction Completed Construction Completed	N/A N/A	N/A N/A
6/17/2011 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Pump Station - Electrical Failure. Electrical Failure. Electrical Failure. Electrical Failure.	Construction Completed	N/A	N/A
9/18/2012 961 E FORD VALLEY ROAD KUW Knob Creek 41 Wetwell Pump Station - Electrical Failure. Electricity was restored & the area was cleaned. 97,500 2.5  7/13/2011 719 E LAKE FOREST DRIVE KUW Knob Creek 41 Lateral Cleanout and BBU BBU Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned. 225 0.083	Construction Completed N/A	N/A Repair Completed	N/A N/A
2/8/2012         736 GREENMEADOWS DRIVE         KUW         Knob Creek         41         MH 24-1         Blockage - Grease. The sewer main was flushed & area was cleaned.         250         8           1/16/2013         201 HERMITAGE DRIVE         KUW         Knob Creek         41         MH 66-69         Heavy rainfall in the area resulted in high flows in the collection system.         1,225         19	N/A Future Construction Planned	BA/Grease Control	12 Months N/A
10/10/2013 5227 MCNUTT ROAD KUW Knob Creek 41 MH 95 Blockage - Debris. The sewer main was flushed & area was cleaned. 180 2	Construction Underway	N/A BA	12 Months
8/3/2011 5910 MEADOW OAKS LANE KUW Knob Creek 41 Broken Force Main Broken System - Broken Force Main. Force main was repaired & the area cleaned. 1,000 1 9/12/10 5915 NEUBERT SPRINGS ROAD KUW Knob Creek 41 Unnamed MH at Facility Pump Station - Electrical Failure. Electricity was restored & the area was cleaned. 294000 3.5	N/A Construction Completed	Repair Completed N/A	N/A N/A
1/7/2011 5915 NEUBERT SPRINGS ROAD KUW Knob Creek 41 Unnamed MH at Facility Heavy rainfall in the area resulted in high flows in the collection system. 224,000 4.4	Construction Completed	N/A	N/A
9/18/2012         5915         NEUBERT SPRINGS ROAD         KUW         Knob Creek         41         MH 18-1         Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.         90,000         3           1/16/2013         6016         NEUBERT SPRINGS ROAD         EB         Knob Creek         41         MH 19         Heavy rainfall in the area resulted in high flows in the collection system.         10,000         53	N/A Construction Completed	Repair Completed N/A	N/A N/A
8/9/10         6401 OLD VALLEY ROAD         KUW         South Knoxville         41         MH 67-3         Blockage - Debris. The sewer main was flushed & area was cleaned.         35         3           3/7/2013         217 STRATFORD ROAD         KUW         Knob Creek         41         MH 66-14         Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.         1,500         1	N/A N/A	BA Repair Completed	6 Months N/A
1/29/2012 612 VIEW PARK DRIVE KUW Knob Creek 41 MH 97-44 Blockage - Roots. The sewer main was flushed & area was cleaned. 25 3	N/A	BA	6 Months
2/4/09         8560         WESTLAND DRIVE         FC         Fourth Creek         42         Leaking ARV         Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.         225         1         ✓           7/22/09         8560         WESTLAND DRIVE         FC         Fourth Creek         42         Air Release Valve         Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.         37         1         ✓	Construction Completed Construction Completed	N/A N/A	N/A N/A
2/12/10 8560 WESTLAND DRIVE FC Fourth Creek 42 Air Release Valve Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned. 4130 1.5  1/15/2012 8560 WESTLAND DRIVE FC Fourth Creek 42 Force Main Valve Broken System - Force Main Valve Leak. The valve was repaired & the area was cleaned. 1,800 2.5	Construction Completed N/A	N/A Repair Completed	N/A N/A
3/19/10 5218 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 22 3	N/A	Repair Completed	N/A
3/31/2012 5218 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 0.5  3/24/08 5219 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump & BBU BBU Grinder Pump Failure. Pump was repaired & the area was cleaned. 15 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
9/19/2012 5219 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump & BBU BBU Grinder Pump Failure. Pump was repaired & the area was cleaned. 103 1 ✓ 9/25/2012 5219 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump & BBU BBU Grinder Pump Failure. Pump was repaired & the area was cleaned. 25 0.33 ✓	N/A N/A	Repair Completed Repair Completed	N/A N/A
11/8/2012 5219 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump & BBU BBU Grinder Pump Failure. Pump was repaired & the area was cleaned.	N/A	Repair Completed	N/A
1/16/2013 5219 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder pump and BBU BBU Grinder Pump Failure. Pump was repaired & the area was cleaned. 6 1 ✓ 1/25/2011 5235 BENT RIVER BOULEVARD FC Fourth Creek 43 Broken Gravity Main Broken System - Broken System - Broken Force Main. Force main was repaired & the area cleaned. 10 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
4/3/10 5236 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 10 3	N/A N/A	Repair Completed	N/A
3/10/05 5241 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 20 5	N/A N/A	Repair Completed Repair Completed	N/A N/A
7/4/08 5241 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 1 4 7/23/2011 5241 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
9/9/03 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Broken System - Broken Force Main. Force main was repaired & the area cleaned. 30 4	N/A	Repair Completed	N/A
11/30/04 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 2 6/12/08 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 3	N/A N/A	Repair Completed Repair Completed	N/A N/A
8/4/08 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 29 2.33	N/A	Repair Completed	N/A
5/6/10 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned.	N/A N/A	Repair Completed Repair Completed	N/A N/A
6/18/10 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 11 3 1/12/11/10 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 2 1 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
9/9/2011 5246 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 8 2	N/A	Repair Completed	N/A
8/24/2011 5247 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 1  10/22/2012 5253 BENT RIVER BOULEVARD FC FOurth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 2 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
8/30/10 5307 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned.	N/A	Repair Completed	N/A
12/13/10 5332 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 30 4	N/A N/A	Repair Completed Repair Completed	N/A N/A
10/28/2013 5339 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 25 0.5 12/24/2011 5347 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 1	N/A N/A	Repair Completed Repair Completed	N/A N/A
1/1/2012 5355 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned. 15 2	N/A	Repair Completed	N/A
5/11/2011   5356   BENT RIVER BOULEVARD   FC   Fourth Creek   43   Grinder Pump   Grinder Pump Failure. Pump was repaired & the area was cleaned.   5   1	N/A N/A	Repair Completed Repair Completed	N/A N/A
7/25/10 5363 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 200 4	N/A N/A	Repair Completed Repair Completed	N/A N/A
3/30/2012 5363 BENT RIVER BOULEVARD FC Fourth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 5 0.75  7/10/2013 2110 COVE VIEW WAY FC FOurth Creek 43 Grinder Pump Grinder Pump Failure. Pump was repaired & the area was cleaned. 15 0.5	N/A N/A	Repair Completed	N/A N/A

										Event occurred two or			
Date	Street #	Street	Plant	Watershed	Basin	Overflow Location	Private Property Location Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
10/9/2013 10/3/2011		LYONS BEND ROAD LYONS BEND ROAD	FC FC	Fourth Creek Fourth Creek	43 43	HRC Pump Grinder Pump	Construction Failure - Pump Testing Process Failure. The process was reinstated and the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	115	0.25 0.5		N/A N/A	Repair Completed Repair Completed	N/A N/A
11/26/2011		WOODLAND RESERVE LANE	FC	Fourth Creek	43	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	200	2		N/A N/A	Repair Completed	N/A
3/18/02		WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	3000	10	✓	Construction Completed	N/A	N/A
5/3/02		WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	900	1	✓	Construction Completed	N/A	N/A
9/21/02		WOODSON DRIVE	KUW			MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	28,800	12		Construction Completed	N/A	N/A
10/4/02 2/14/03		WOODSON DRIVE WOODSON DRIVE	KUW	South Knoxville South Knoxville	44 44	MH 2-1 MH 2-1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	6000 16,500	22		Construction Completed Construction Completed	Repair Completed N/A	12 Months N/A
2/22/03		WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	10,500	70	· ·	Construction Completed	N/A	N/A
4/10/03		WOODSON DRIVE	KUW		44	MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	510	4.25	✓	Construction Completed	N/A	N/A
5/5/03		WOODSON DRIVE	KUW	South Knoxville		MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	3300	550	<b>√</b>	Construction Completed	N/A	N/A
5/11/03 5/31/04		WOODSON DRIVE	KUW	South Knoxville	44 44	MH 2-1 MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	300 2400	1.5	<b>√</b>	Construction Completed	N/A N/A	N/A N/A
8/4/06		WOODSON DRIVE WOODSON DRIVE	KUW	South Knoxville South Knoxville		MH 2-1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	500	1		Construction Completed Construction Completed	Repair Completed	N/A
2/18/09		WOODSON DRIVE	KUW		44	MH 2-1	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	190	0.25		Construction Completed	N/A	N/A
11/30/10	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1	Heavy rainfall in the area resulted in high flows in the collection system.	2150	3		Construction Completed	N/A	N/A
8/3/10		MARYVILLE PIKE	KUW	South Knoxville	45	MH 10-2	Vandalism - Bypass Pump Vandalized. Pump was repaired & the area was cleaned.	60	0.15		N/A	Repair Completed	N/A
8/3/10		MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	4		N/A	Repair Completed	N/A
4/4/2011 2/23/2012		MARYVILLE PIKE MARYVILLE PIKE	KUW		45 45	Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	10 60	1		N/A N/A	Repair Completed Repair Completed	N/A N/A
3/11/2013		BALL ROAD	FC	Fourth Creek	49	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	3,400	3		N/A	Repair Completed	N/A
11/5/2012		BALL ROAD	FC	Fourth Creek	49	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	28,500	8	✓	N/A	Repair Completed	N/A
3/15/2013		BALL ROAD	FC	Fourth Creek	49	Broken Force Main	Broken System - Broken Force Main, Force main was repaired & the area cleaned.	2,700	2	✓	N/A	Repair Completed	N/A
4/4/06 4/17/10		BALL ROAD BALL ROAD	FC KUW	Fourth Creek Third Creek	49 49	Broken Force Main Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	442400 72675	252 2		N/A N/A	Repair Completed Repair Completed	N/A N/A
4/9/2012		SUMMER GROVE LANE	FC	Fourth Creek	49	MH 19-63	Blockage - Debris. The sewer main was flushed & area was cleaned.	100	1		N/A	BA	12 Months
1/25/10		CLINTON HIGHWAY	KUW	Third Creek	50	Air Release Valve	Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	190	2		N/A	Repair Completed	N/A
7/29/2013		N NATIONAL DRIVE	KUW	Riverdale	60	MH 30-3	Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	150 576.000	1 12		N/A N/A	Repair Completed	N/A N/A
3/2/2011 7/9/2012		BAGWELL ROAD BAGWELL ROAD	LC LC	Loves Creek Loves Creek	63 63	Pump Station Broken Force Main	Heavy rainfall in the area resulted in high flows in the collection system.  Broken System - Broken Force Main. Force main was repaired & the area cleaned.	125	12		N/A N/A	Repair Completed Repair Completed	N/A N/A
3/2/2011		E GOV JOHN SEVIER HIGHWAY	KUW	Riverdale	65	Pump Station	Heavy rainfall in the area resulted in high flows in the collection system.	21,600	3		Construction Completed	N/A	N/A
7/10/2013	1815	WAYLAND ROAD	LC	Loves Creek	67	Lateral Cleanout	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown		Future Construction Planned	N/A	N/A
3/9/2012		ASHEVILLE HIGHWAY ASHEVILLE HIGHWAY	EB	Eastbridge	72	MH 21-16	Blockage - Debris. The sewer main was flushed & area was cleaned.	400	2	·	N/A	BA	12 Months
4/9/10 11/5/2012		STRAWBERRY PLAINS PIKE	EB EB	Eastbridge Eastbridge	72 72	Private Property/BBU Broken Force Main	BBU Blockage - Debris. The sewer main was flushed & area was cleaned.  Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	950 460	15 4		N/A N/A	BA Repair Completed	12 Months N/A
9/24/2013		MILLERTOWN PIKE	LC	Loves Creek	105	Grinder Pump	Grinder Pump Faillure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
3/26/09		ROSEWOOD ROAD	LC	Loves Creek	105	Grinder Pump & BBU	BBU Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5		N/A	Repair Completed	N/A
9/1/2011		RUTLEDGE PIKE	LC	Loves Creek	105	Grinder Pump & BBU	BBU Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	1		N/A	Repair Completed	N/A
3/12/2012 7/1/09		TRANSPORT WAY WOODS CREEK ROAD	LC LC	Loves Creek Loves Creek	105 105	Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	50	0.25		N/A N/A	Repair Completed Repair Completed	N/A N/A
4/7/2012		WOODS CREEK ROAD	LC	Loves Creek	105	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
8/24/2013		WOODS CREEK ROAD	LC	Loves Creek	105	Grinder Pump & BBU	BBU Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	1		N/A	Repair Completed	N/A
2/28/2011	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Bar Screen	Heavy rainfall in the area resulted in high flows in the collection system.	3,750	1.25		Construction Completed	BA	3 months
7/3/2012		MALONEYVILLE ROAD	EB	Eastbridge	109	Wetwell	Blockage - Debris. The sewer main was flushed & area was cleaned.	1,800	1	<u> </u>	Construction Completed	N/A	N/A
7/9/2012 2/2/2012		MALONEYVILLE ROAD WASHINGTON PIKE	EB EB	Eastbridge Eastbridge	109 109	Wetwell Grinder Pump	Blockage - Debris. The sewer main was flushed & area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	50 30	1.5	· · · · · · · · · · · · · · · · · · ·	Construction Completed N/A	N/A Repair Completed	N/A N/A
6/7/06		CROSSWIND LANDING LANE	EB	Eastbridge	110	Wetwell	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	150	0.5		N/A	Repair Completed	N/A
7/28/10	8530	CROSSWIND LANDING LANE	EB	Eastbridge	110	Wetwell	Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	3000	5		N/A	Repair Completed	N/A
6/10/10		ROBERTS ROAD	EB	Eastbridge	111	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	150	1		N/A	Repair Completed	N/A
1/27/2011 6/12/09		ROBERTS ROAD ROBERTS ROAD	EB	Eastbridge	113 113	Abandoned Air Release Valve	Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	375 30	2		N/A N/A	Repair Completed	N/A N/A
9/14/2012		ROBERTS ROAD	EB EB	Eastbridge Eastbridge	113	Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
6/11/2011		ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	1	✓	N/A	Repair Completed	N/A
10/1/2011	4304	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	0.5	✓	N/A	Repair Completed	N/A
10/17/2011		ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	1	0.25	<b>√</b>	N/A	Repair Completed	N/A
11/24/2012		WASHINGTON PIKE WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.5	<b>√</b>	N/A	Repair Completed	N/A
1/13/2013		WASHINGTON PIKE WASHINGTON PIKE	EB EB	Eastbridge Eastbridge	113 113	Grinder Pump Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A N/A	Repair Completed Repair Completed	N/A N/A
4/26/2013		WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump	Grinder Pump Faillure. Pump was repaired & the area was cleaned.	6	1	· ·	N/A	Repair Completed	N/A
6/7/2013	7939	WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	3	1.5	✓	N/A	Repair Completed	N/A
8/17/2012	8035	WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1	-	N/A	Repair Completed	N/A
2/10/2013	1524	SAYLORS FORD ROAD	EB	Eastbridge	115	Eastbridge Wastewater Treatment Plant	WWTP - Mechanical Failure. Plant was reinstated.	435	0.75		N/A	Repair Completed	N/A
11/2/2013		BROOME RD	FC	Fourth Creek		MH 15-6	Blockage - Roots. The sewer main was flushed & area was cleaned.	70	0.75		N/A N/A	Repair Completed BA	12 Months
5/6/2013		CHUKAR ROAD	FC	Fourth Creek	32A	MH 65-11	Blockage - Debris. The sewer main was flushed & area was cleaned.	5,500	2		N/A	BA	6 Months
3/7/2011		CREEKHEAD DRIVE	FC	Fourth Creek		MH 49-4	Blockage - Debris. The sewer main was flushed & area was cleaned.	12,200	1	✓	N/A	BA	12 Months
3/19/10		CREEKHEAD DRIVE	FC	Fourth Creek		MH 49-2	Blockage - Debris. The sewer main was flushed & area was cleaned.	2,030	0.5	✓	N/A	BA	12 Months
6/12/2013 8/22/2011		CREEKHEAD DRIVE FERD HICKEY ROAD	FC FC	Fourth Creek Fourth Creek	32A 32A	MH 49-3 MH 30-39	Vandalism. Blockage was removed & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	3,000 2,000	2		N/A N/A	Repair Completed BA	N/A 12 Months
3/12/2011		GLADE HILL DRIVE	LC	Loves Creek	32A	MHs 30-50 & 30-52	Blockage - Grease. The sewer main was flushed & area was cleaned.	670	2.5		N/A N/A	BA/Grease Control	12 Months
10/3/02		N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1200	2	✓	Construction Completed	N/A	N/A
12/5/02		N GALLAHER VIEW ROAD	FC	Fourth Creek		MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	18,000	12	✓	Construction Completed	N/A	N/A
2/27/03		N GALLAHER VIEW ROAD	FC		32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1890	21	<b>√</b>	Construction Completed	N/A	N/A
5/6/03 7/2/03		N GALLAHER VIEW ROAD N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek	32A 32A	MH 77 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	49,875 14,440	66.5 24	<b>∨</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
11/6/03		N GALLAHER VIEW ROAD	FC	Fourth Creek	32A 32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	3600	4		Construction Completed  Construction Completed	N/A N/A	N/A
11/19/03		N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1920	8	<b>✓</b>	Construction Completed	N/A	N/A
2/6/04		N GALLAHER VIEW ROAD	FC			MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	6050	23.5	✓	Construction Completed	N/A	N/A
3/6/04		N GALLAHER VIEW ROAD	FC			MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1680	3.5	<b>√</b>	Construction Completed	N/A	N/A
6/27/04 9/17/04		N GALLAHER VIEW ROAD	FC		32A	MH 77 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	240	4 22	<u> </u>	Construction Completed	N/A	N/A
9/17/04		N GALLAHER VIEW ROAD N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek	32A 32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	31,680 6480	12		Construction Completed Construction Completed	N/A N/A	N/A N/A
12/1/04		N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	20,160	14	· ·	Construction Completed	N/A	N/A
12/7/04		N GALLAHER VIEW ROAD		Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	390,240	24	<b>√</b>	Construction Completed	N/A	N/A
12/9/04		N GALLAHER VIEW ROAD	FC		32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	189,000	70	<b>✓</b>	Construction Completed	N/A	N/A
2/21/05		N GALLAHER VIEW ROAD	FC			MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	260000	20	<b>√</b>	Construction Completed	N/A	N/A
4/2/05		N GALLAHER VIEW ROAD N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek	32A 32A	MH 77 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	7,200 247,680	20 43	<b>√</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
4/13/05	000		FC	Fourth Creek	32A 32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	5,610	2.75		Construction Completed  Construction Completed	N/A N/A	N/A
4/13/05 5/20/05	600	N GALLAHER VIEW ROAD										IN/A	
		N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	1,037	3	✓	Construction Completed  Construction Completed	N/A N/A	N/A

									Event occurred two or			
Date	Street # Street	Plant	Watershed	Basin	Overflow Location Private Pro		Volume (Gallons)	Duration (Hours)	more times within 12 months Long-Te	erm Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
4/24/06	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	14890	6		uction Completed	N/A	N/A
9/24/06	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	3310000	5		uction Completed	N/A	N/A
1/7/09	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	105,000	26		uction Completed	N/A	N/A
1/25/10	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77 MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	95580	9		uction Completed onstruction Planned	N/A	N/A
3/1/2011 3/10/2011	600 N GALLAHER VIEW ROAD 600 N GALLAHER VIEW ROAD	FC FC	Fourth Creek Fourth Creek	32A 32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	24,000 468,000	39		onstruction Planned	N/A N/A	N/A N/A
4/16/2011	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	264,000	22		onstruction Planned	N/A	N/A
4/28/2011	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	36,000	3		onstruction Planned	N/A	N/A
1/15/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	11,324,000	116		onstruction Planned	N/A	N/A
1/31/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	570,700	9	✓ Future Co	onstruction Planned	N/A	N/A
7/7/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	Heavy rainfall in the area resulted in high flows in the collection system.	540,000	24		onstruction Planned	N/A	N/A
12/9/2013	600 N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77	WW Storage Facility - Mechanical Failure. The facility was repaired & the area was cleaned.	59,000	3.25	✓ Future Co	onstruction Planned	N/A	N/A
3/28/2013 11/6/2011	1224 PARK HILL CIRCLE 1708 PINETREE LANE	FC FC	Fourth Creek	32A	MH 30-52	Blockage - Roots. The sewer main was flushed & area was cleaned.	1,000 62,000	72 Intermittently		N/A N/A	BA/Grease Control	12 Months
3/18/10	5732 TENNYSON DRIVE	FC	Fourth Creek Fourth Creek	32A 32A	Lateral Cleanout MH 49-182	Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	20,825	168 Intermittently		N/A N/A	BA/Grease Control BA	12 Months 6 Months
3/1/2011	7927 W CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-12	Blockage - Debris. The sewer main was flushed & area was cleaned.	50	1		N/A	BA	6 Months
4/6/2011	8105 W CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-18	Blockage - Roots. The sewer main was flushed & area was cleaned.	400	2.5		N/A	BA	6 Months
4/28/2012	6532 WESTSIDE DRIVE	FC	Fourth Creek	32A	MH 49-5	Vandalism. Blockage was removed & the area was cleaned.	66,000	5	<b>√</b>	N/A	Repair Completed	N/A
1/17/2013	6532 WESTSIDE DRIVE	FC	Fourth Creek	32A	MH 49-5	Heavy rainfall in the area resulted in high flows in the collection system.	200	1		onstruction Planned	N/A	N/A
2/10/10	800 BENNETT PLACE	FC	Fourth Creek	32B	Broken Gravity Main	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	45900	72		uction Completed	Repair Completed	N/A
8/26/10	800 BENNETT PLACE	FC	Fourth Creek	32B	Broken Gravity Main	Blockage - Debris. The sewer main was flushed & area was cleaned.	7750	24	✓ Constri	uction Completed	Repair Completed	N/A
4/11/2013	900 CARRINGTON ROAD	FC	Fourth Creek	32B	MH 4-92	Blockage - Roots. The sewer main was flushed & area was cleaned.	40	1		N/A	BA Popoir Completed	12 Months
11/2/2011 10/16/2013	409 N WINSTON ROAD 409 N WINSTON ROAD	FC FC	Fourth Creek Fourth Creek	32B 32B	MH17-1 Lateral Cleanout and BBU BBU	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	50 300	2		N/A N/A	Repair Completed Repair Completed	N/A N/A
12/31/06	2004 NEYLAND DRIVE	KUW	Third Creek	35A	MH 1	WWTP - Mechanical Failure. Plant was reinstated.	160000	0.33	Future Co	onstruction Planned	N/A	N/A
9/26/09	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	250,000	0.26		onstruction Planned	N/A	N/A
12/9/09	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1	WWTP - Electrical Failure. Electricity was restored.	3,300,000	0.87		onstruction Planned	Repair Completed	N/A
3/23/10	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1	WWTP - Electrical Failure. Electricity was restored.	50000	0.05	Future Co	onstruction Planned	N/A	N/A
2/28/2011	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	360,000	0.5		onstruction Planned	N/A	N/A
4/16/2011	2004 NEYLAND DRIVE	KUW	Second Creek	35A	MH 1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	20,000	0.18		onstruction Planned	N/A N/A	N/A
9/18/2012 1/15/2013	2004 NEYLAND DRIVE 2004 NEYLAND DRIVE	KUW	Second Creek	35A 35A	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	100,000 18,440,000	0.25 19.83		onstruction Planned onstruction Planned	N/A N/A	N/A N/A
12/13/2013	1300 ALCOA HIGHWAY	KUW	Second Creek Third Creek	35B	MH 18-3	Blockage - Debris. The sewer main was flushed & area was cleaned.	650	19.03	- Future Ct	N/A	BA BA	12 Months
5/8/09	2305 CLINCH AVENUE	KUW	Third Creek	35B	MH 23-27	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	180	1		N/A	Repair Completed	N/A
6/26/09	2305 CLINCH AVENUE	KUW	Third Creek	35B	MH 39	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	2,328	0.0166		N/A	Repair Completed	N/A
6/6/2011	2305 CLINCH AVENUE	KUW	Third Creek	35B	MH 39	Blockage - Debris. The sewer main was flushed & area was cleaned.	750	1		N/A	BA	12 Months
7/20/2011	1912 CUMBERLAND AVENUE	KUW	Third Creek	35B	Lateral Cleanout	Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	150	4		N/A	Repair Completed	N/A
5/3/2012	2010 CUMBERLAND AVENUE	KUW	Third Creek	35B	Unconnected Lateral	Construction Failure - Unconnected Lateral. Lateral was reconnected & the area was cleaned.	50	1.5		N/A	Repair Completed	N/A
5/10/2011	2524 JACOB DRIVE	KUW	Third Creek	35B	MH 4-9	Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	2,000	2		N/A	Repair Completed	N/A
2/28/2011 3/17/02	2640 MORGAN CIRCLE 2004 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	MH 4-19 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1,500 Unknown	Unknown		onstruction Planned onstruction Planned	N/A N/A	N/A N/A
6/6/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	WWTP - Electrical Failure. Electricity was restored.	38,000	0.25		onstruction Planned	N/A	N/A
7/30/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	WWTP - Electrical Failure. Electricity was restored.	10,000	0.07		onstruction Planned	N/A	N/A
9/21/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,660,000	2.18		onstruction Planned	N/A	N/A
9/22/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,300,000	1		onstruction Planned	N/A	N/A
9/22/02	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	5,700,000	4.5		onstruction Planned	N/A	N/A
2/14/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,600,000	1.5		onstruction Planned	N/A	N/A
2/15/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	11,700,000	16.5		onstruction Planned	N/A	N/A
2/16/03 2/17/03	2004 NEYLAND DRIVE 2004 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	12,120,000 1,480,000	18		onstruction Planned onstruction Planned	N/A N/A	N/A N/A
2/17/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1,320,000	2.5		onstruction Planned	N/A N/A	N/A N/A
2/22/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	10.870.000	22.5		onstruction Planned	N/A	N/A
4/10/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,740,000	3		onstruction Planned	N/A	N/A
5/5/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	1,050,000	3	✓ Future Co	onstruction Planned	N/A	N/A
5/6/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	22,060,000	15		onstruction Planned	N/A	N/A
5/7/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	19,400,000	15.5		onstruction Planned	N/A	N/A
11/6/03	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	50,000	0.72		onstruction Planned	N/A	N/A
12/9/04 3/3/07	2004 NEYLAND DRIVE	KUW	Third Creek	35B	MH 1 MH 1	Heavy rainfall in the area resulted in high flows in the collection system.	400,000 1,170,000	2.63 1.5		onstruction Planned	N/A Penair Completed	N/A N/A
1/24/02	2004 NEYLAND DRIVE 2015 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	Secondary Junction Box	WWTP - Electrical Failure. Electricity was restored.  Heavy rainfall in the area resulted in high flows in the collection system.	1,170,000	20.5	1 didio ot	onstruction Planned onstruction Planned	Repair Completed N/A	N/A N/A
1/25/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	50,000	2.5	· I utuic ot	onstruction Planned	N/A	N/A
3/17/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	450,000	9		onstruction Planned	N/A	N/A
3/18/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	200,000	5.5	✓ Future Co	onstruction Planned	N/A	N/A
9/21/02	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	3000	0.25		onstruction Planned	N/A	N/A
2/14/03	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	3000	0.25		onstruction Planned	N/A	N/A
2/15/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	5500	0.5		onstruction Planned	N/A	N/A
2/22/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	200	0.17		onstruction Planned	N/A	N/A
3/22/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Filtrate Tank	Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	200	0.1		onstruction Planned	N/A	N/A
4/2/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box	Heavy rainfall in the area resulted in high flows in the collection system.	9,000	1.5		onstruction Planned	N/A	N/A
5/20/05	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Primary Clarifiers # 3-4 Influent Boxes	Heavy rainfall in the area resulted in high flows in the collection system.	500 0	0.17		onstruction Planned onstruction Planned	N/A N/A	N/A
8/23/05 9/23/06	2015 NEYLAND DRIVE 2015 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	Digester MH Secondary Junction Box	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	50	0.08		onstruction Planned onstruction Planned	N/A N/A	N/A N/A
3/3/07	2015 NEYLAND DRIVE 2015 NEYLAND DRIVE	KUW	Third Creek Third Creek	35B 35B	Ruptured Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10,600	0.006		onstruction Planned	Repair Completed	N/A N/A
2/18/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Primary Sludge Pipe	Broken System - Sludge Line Leak. The leak was repaired & the area cleaned.	2,128	0.083		onstruction Planned	Repair Completed  Repair Completed	N/A N/A
6/11/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	MH 4-51	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	50	0.083		onstruction Planned	Repair Completed	N/A N/A
9/4/08	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Broken Gravity Main	Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	50	0.02		onstruction Planned	Repair Completed	N/A
1/31/2012	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Dewatering Containment	Construction Failure - Dig-III. Gravity main was repaired & the area was cleaned.  Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.	25	0.063	i uture Ct	N/A	Repair Completed	N/A
5/15/2012	2015 NEYLAND DRIVE	KUW	Third Creek	35B	#2 Digester	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	100	0.33	· ·	N/A	Repair Completed	N/A
10/5/2012	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Broken Force Main	Broken System - Broken Force Main. Force main was repaired & the area cleaned.	100	1		N/A	Repair Completed	N/A
9/21/2013	2015 NEYLAND DRIVE	KUW	Third Creek	35B	Primary Effluent Channel	WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	115,000	0.13		N/A	Repair Completed	N/A
	2377 NEYLAND DRIVE	KUW	Third Creek	35B	MH 3	Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	Future Co	onstruction Planned	N/A	N/A
3/10/2011 1/28/2013		KUW	Third Creek	35B	MH 4-54	Heavy rainfall in the area resulted in high flows in the collection system.	300			onstruction Planned	N/A	N/A

SSOs Basin-Street Sort Page 8

Date S	Street # Street	Plant	Watershed	Basin	Overflow Location	Private Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
7/12/02	7661 BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	1000	3		N/A	Repair Completed	N/A
8/29/02	4710 MURPHY ROAD	KUW		2	Wetwell		Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	10	2		N/A	Repair Completed	N/A
9/5/02	7112 SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Blockage - Roots. The sewer main was flushed & area was cleaned.	180	3	✓	Construction Completed	BA	12 Months
11/13/02	7112 SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Blockage - Roots. The sewer main was flushed & area was cleaned.	720	4	✓	Construction Completed	BA	12 Months
2/22/03	203 S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	1800	3		Construction Completed	BA	12 Months
2/26/03	7661 BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	100	0.17		N/A	Repair Completed	N/A
3/9/03	7112 SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Blockage - Debris. The sewer main was flushed & area was cleaned.	19,200	40	✓	Construction Completed	BA	12 Months
2/10/05	5001 MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		Blockage - Debris. The sewer main was flushed & area was cleaned.	1410	4	✓	Construction Completed	BA	6 Months
2/23/05	125 TILLERY DRIVE	KUW	Second Creek	10	MH 16-6		Blockage - Grease. The sewer main was flushed & area was cleaned.	720	3		N/A	BA/Grease Control	6 Months
							Pump Station - Mechanical Failure due to lightning strike. Station was repaired & the area was						
6/10/05	7661 BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		cleaned.	2,880	1		N/A	Repair Completed	N/A
10/31/05	5001 MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		Blockage - Debris. The sewer main was flushed & area was cleaned.	6,101	1.5	<b>√</b>	Construction Completed	BA	6 Months
1/17/06	5001 MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		Blockage - Debris. The sewer main was flushed & area was cleaned.	408	1	<b>*</b>	Construction Completed	BA	1 Month
6/26/06	7661 BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	600	1		Construction Completed	N/A	N/A
9/23/06	7112 SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Heavy rainfall in the area resulted in high flows in the collection system.	4320	8		Construction Completed	BA	6 Months
9/25/06	203 S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	2160	6	,	Construction Completed	BA	12 Months
7/23/07	5101 MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	3,000	1	✓ ✓	Construction Completed	N/A	N/A
8/19/07 3/25/08	5101 MALONEYVILLE ROAD 4710 MURPHY ROAD	EB KUW	Eastbridge First Creek	109 2	MH 93-26 Wetwell		Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	1,440 14	2	· · · · · · · · · · · · · · · · · · ·	Construction Completed N/A	N/A Repair Completed	N/A N/A
							· · · · · · · · · · · · · · · · · · ·		2			' '	
5/6/08	2052 DANDRIDGE AVENUE 203 S CHILHOWEE DRIVE	KUW		25 20	MH 4-103		Blockage - Debris. The sewer main was flushed & area was cleaned.	115	0.25		N/A	BA N/A	6 Months N/A
5/28/08 12/11/08	7112 SHADYLAND DRIVE	LC FC	Loves Creek Fourth Creek	36	MH 25 MH 36		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	16 62	0.5		Construction Completed Construction Completed	BA	6 Months
1/6/09	7661 BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	24,000	8	,	Construction Completed	N/A	N/A
			ŭ				, , , , , , , , , , , , , , , , , , , ,			,			
1/6/09	1233 MARYVILLE PIKE 203 S CHILHOWEE DRIVE	KUW LC		39 20	MH 27-115 MH 25		Blockage - Debris. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	15,000 6.100	14.75	✓ ✓	N/A Construction Completed	BA N/A	6 Months N/A
1/6/09	7112 SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Heavy rainfall in the area resulted in high flows in the collection system.	17,300	12 24	· · · · · · · · · · · · · · · · · · ·	Construction Completed	BA	6 Months
1/7/09	5315 SHANNONDALE ROAD	KUW		1	MH 36		Blockage - Roots. The sewer main was flushed & area was cleaned.	5,040	14	,	N/A	BA	3 Months
1/10/09	5007 ROWAN ROAD	KUW		5	MH 17-47		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,080	2		N/A	BA	3 Months
	1110 CLINCH AVENUE	KUW		23			ů .	75	2		N/A	BA	
1/11/09	7105 DULANEY WAY	FC	Second Creek Fourth Creek	36	Undesignated MH MH 12-86		Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	1.780	3.5		N/A N/A	BA BA	6 Months 6 months
1/22/09	9027 MASCOT ROAD	EB	Eastbridge	114	Leaking ARV		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	75	1		N/A	Repair Completed	N/A
1/29/09	1701 E FIFTH AVENUE	KUW		24	MH 29-2		Blockage - Debris. The sewer main was flushed & area was cleaned.	765	1.5		N/A N/A	BA	12 Months
2/7/09	3853 CLUSTER AVENUE	LC		6	MH 29-161		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	4		N/A	BA	6 Months
2/13/09	4712 MOSS DRIVE	KUW		13	Lateral Cleanout		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	750	1	<b>√</b>	N/A	BA/Grease Control	3 Months
							3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,						
2/21/09	5534 JACKSBORO PIKE	KUW	First Creek	3	Broken Gravity Main		Construction Failure - There was a pipe separation at a temporary connection to the sewer main.	960	8		N/A	Repair Completed	N/A
3/2/09	5101 MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		Blockage - Debris. The sewer main was flushed & area was cleaned.	360	2		Construction Completed	BA/Grease Control	1 Month
3/4/09	4712 MOSS DRIVE	KUW		13	MH 43 and Lateral Cleanout		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	250	0.5	<b>√</b>	N/A	BA/Grease Control	3 Months
3/6/09	751 INGERSOLL AVENUE	KUW	South Knoxville	39	MH 4-13		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	405	6		N/A	BA/Grease Control	6 months
3/7/09	1527 WILSON ROAD	KUW	Second Creek	10	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	95	3		N/A	BA	6 Months
3/9/09	1000 OGLEWOOD AVENUE	KUW		16	Lateral Cleanout and BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	13	0.5		N/A	BA	6 Months
5.5.55		1					Construction Failure - Unconnected Private Sewer Main. Private sewer main was reconnected &					=	
3/18/09	4125 GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		the area was cleaned.	Unknown	Unknown		Construction Completed	N/A	N/A
											·		
4/13/09	1848 FRATERNITY PARK DRIVE	KUW	Third Creek	35B	Patio and BBU	BBU	The capacity of the sewer main was exceeded when a swimming pool was drained.	650	2.25		N/A	Repair Completed	N/A
4/15/09	811 EDWARDS DRIVE	KUW	Knob Creek	41	MH 107		Blockage - Grease. The sewer main was flushed & area was cleaned.	60	1		N/A	BA/Grease Control	6 months
							•						
4/29/09	1801 LAKE AVENUE	KUW	Third Creek	35B	Lateral Cleanout		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	710	2.25		N/A	Repair Completed	N/A
5/5/09	4710 MURPHY ROAD	KUW	First Creek	2	Wetwell		Grinder Pump Failure. Pump was repaired & the area was cleaned.	100	2.5		N/A	Repair Completed	N/A
							Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area						
5/7/09	4419 MCCAMPBELL LANE	KUW	First Creek	2	MH 43-64		was cleaned.	270	1.5		N/A	Repair Completed	N/A
							Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area						
5/15/09	1233 MARYVILLE PIKE		South Knoxville	39	MH 27-115		was cleaned.	22	1	✓	N/A	BA	6 Months
5/25/09	1800 MIDDLEBROOK PIKE	KUW		29	MH 38		Blockage - Grease. The sewer main was flushed & area was cleaned.	162	1		N/A	BA/Grease Control	3 Months
6/6/09	2501 FERNBANK ROAD	LC		105	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	44	4		N/A	BA/Grease Control	6 Months
6/13/09	835 FARRAGUT AVENUE		First Creek	16	MH 24-45		Blockage - Debris. The sewer main was flushed & area was cleaned.	54	0.5		N/A	BA	6 Months
6/15/09	900 GERTRUDE AVENUE	KUW	South Knoxville	40	MH 3-70		Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	60	0.5		N/A	BA	6 Months
							Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area						
6/18/09	2303 CLINCH AVENUE	KUW		35B	MH 23-5		was cleaned.	5,491	1		N/A	Repair Completed	N/A
6/22/09	125 TILLERY DRIVE	KUW	Second Creek	10	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	150	1		N/A	BA/Grease Control	3 Months
					MH 4-103 and Lateral								
6/24/09	2052 DANDRIDGE AVENUE		Williams Creek	25	Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	344	1		N/A	BA/Grease Control	12 Months
6/26/09	4900 LANDBROOK DRIVE		Third Creek	21	MH 27-6		Blockage - Roots, Grease, and Debris. The sewer main was flushed & area was cleaned.	153	1.5		N/A	BA/Grease Control	3 Months
7/16/09	8205 CORTETLAND DRIVE	FC	Fourth Creek	32B	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	9	1		N/A	BA	3 Months
									504				
7/23/09	5212 BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	741	Intermittently		N/A	Repair Completed	N/A
	0000 01111111	1											I
7/23/09	2636 CHUKAR ROAD	FC	Fourth Creek	32A	Bypass System		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	12	0.25		N/A	Repair Completed	N/A
		1		_					72				1 I
8/11/09	4502 MILLERTOWN PIKE	LC	Loves Creek	6	Lateral Cleanout		Construction Failure - Dig-In. Lateral was repaired & the area was cleaned.	137	Intermittently		N/A	Repair Completed	N/A
0/17/00	110 W CLENWOOD AVENUE	KUW	First Creek	17	Subsurface		Blockage - Grease. The sewer main was flushed & area was cleaned.	900	0 Intermittenti:		Construction Completed	PA/Grassa Control	6 Months
8/17/09	119 W GLENWOOD AVENUE 8012 W CLIFF DRIVE			32A	Subsurface MH 36-7		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.		8 Intermittently		Construction Completed	BA/Grease Control	
9/29/09		FC					· · · · · · · · · · · · · · · · · · ·	65	1		N/A	BA/Grease Control	6 Months
10/26/09	6905 WESTLAND DRIVE	FC	Fourth Creek	36	Subsurface		Blockage - Roots. The sewer main was flushed & area was cleaned.	4,745	2		Construction Completed	N/A	N/A

SSOs to be deleted Page 1

Date	Street #	Street	Plant	Watershed	Basin	Overflow Location	Private Property Location	Cause of SSO/KUB Response	Volume (Gallons)	Duration (Hours)	Event occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
10/30/09		MIDDLE DRIVE	KUW	Second Creek	35A	Subsurface		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	7,190	6.5		N/A	Repair Completed	N/A
11/5/09	3108	LANDVIEW DRIVE	LC	Loves Creek	26	MH 72-134		Blockage - Roots. The sewer main was flushed & area was cleaned.	260	1		N/A	BA	6 Months
11/6/09	212	DRY GAP PIKE	KUW	Second Creek	5	MH 16-67		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	205	1		N/A	N/A	N/A
11/8/09	6116	SEVIERVILLE PIKE	KUW	South Knoxville	41	MH 107-2		Blockage - Grease. The sewer main was flushed & area was cleaned.	510	1		N/A	BA/Grease Control	6 months
11/12/09	2126	TENNESSEE AVENUE	KUW	Third Creek	22	MH 16-13		Blockage - Roots. The sewer main was flushed & area was cleaned.	310	1		N/A	BA	6 Months
11/24/09		S CONCORD STREET	KUW			MH 8-10		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	60	1		N/A	BA/Grease Control	12 Months
12/12/09	5227	MCNUTT ROAD	KUW	Knob Creek	41	MH 96		Blockage - Unknown. The sewer main was flushed & area was cleaned.	1,061	1		Construction Underway	BA	6 Months

SSOs to be deleted Page 2

02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 03/	1317 2800 5816 1109 5706 420 5401 1127 319 2924 2920 8630 1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	HOLSTON HILLS RD LOUISIANA AVENUE FAIRVIEW STREET HOLSTON HILLS ROAD BIDDLE STREET WALLWOOD DRIVE CLINCH AVENUE GREENCREST ROAD MAGNET PLACE ECHODALE LANE SUTHERLAND AVENUE CHOOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE BOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHAD RIVE LONAS ROAD WEST BAXTER AVENUE BUGUNT AVENUE LONAS ROAD WEST BAXTER AVENUE BUGUNT AVENUE LONAS ROAD WEST BAXTER AVENUE BUGUNT AVENUE BUGUNT AVENUE	KUW KUW KUW KUW KUW KUW KUW KUW EB KUW LC KUW	Loves Creek Second Creek First Creek Loves Creek Williams Creek Williams Creek Second Creek First Creek Williams Creek South Knoxville Third Creek Eastbridge First Creek Loves Creek South Knoxville Second Creek First Creek Third Creek Third Creek Second Creek Second Creek Second Creek First Creek South Knoxville Third Creek South Knox First Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek	26 15 16 26 25 9 23 1 1 31 41 28 28 28 72 16 26 41 23 10 35a 15 13 22 40 16 23 8	SSOER	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Construction Failure - Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	Unknown 200 200 50 1000 275 4000 15 33 5 115 1 950 300 940 10 20 1.5 500 500 50	Unknown  1.5  1  1  1  1  3  1  1  2  0.5  0.05  0.02  15  4  1.5  1  4  0.017  4  3  1  2.25  5	12 months	N/A	BA Repair Completed BA/Grease Control Repair Completed BA	12 Months N/A 6 Months N/A 6 Months 6 Months 6 Months 6 Months 6 Months 6 Months 12 Months 12 Months 12 Months 12 Months 14 Months 15 Months 16 Months 17 Months 18 Months 19 Months 19 Months 10 Months 10 Months 10 Months 11 Months 11 Months 11 Months 12 Months 12 Months 13 Months 14 Months 15 Months 16 Months 16 Months 17 Months 18 Months 18 Months 18 Months 18 Months 18 Months 18 Months
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02/26/10 03/29/10 03/29/10 03/30/10 04/05/10 04/05/10 04/05/10 04/05/10 05/03/11 05/03/11 05/	1127 319 2924 2920 8630 1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	MAGNET PLACE ECHODALE LANE SUTHERLAND AVENUE SUTHERLAND AVENUE SUTHERLAND AVENUE ASHEVILLE HIGHWAY FAIRMONT BOULEVARD HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW EB KUW	Williams Creek South Knoxville Third Creek Third Creek Eastbridge First Creek Loves Creek Loves Creek South Knoxville Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek Third Creek First Creek Second Creek South Knox First Creek Second Creek First Creek Second Creek	31 41 28 28 72 16 26 41 23 10 35a 15 13 22 40 16 23	V	Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	33 5 15 1 950 300 940 10 20 1.5 500 500 5	2 0.5 0.05 0.02 15 4 1.5 1 4 0.017 4 2.25		N/A	BA/Grease Control Repair Completed N/A N/A N/A BA BA Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed BA BA BA BA BA BA BA	6 Months N/A N/A N/A 12 Months 6 Months 12 Months N/A N/A N/A N/A N/A N/A N/A N/A 6 Months 6 Months 6 Months
03/29/10 03/30/10 03/30/10 03/30/10 03/405/10 03/405/10 03/405/10 03/405/10 03/405/10 03/405/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/10 03/60/11	319 2924 2920 8630, 1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	ECHODALE LANE SUTHERLAND AVENUE SUTHERLAND AVENUE ASHEVILLE HIGHWAY FAIRMONT BOULEVARD HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE BLOUNT AVENUE BLOUNT AVENUE FARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW EB KUW	South Knoxville Third Creek Third Creek Eastbridge First Creek Loves Creek South Knoxville Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek South Knoxville Third Creek	41 28 28 72 16 26 41 23 10 35a 15 13 22 40 16 23 39	V	Biockage - Roots. The sewer main was flushed & area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	5 15 1 950 300 940 10 20 1.5 500 500 5	0.05 0.02 15 4 1.5 1 4 0.017 4 3 1 2.25		N/A	Repair Completed N/A N/A BA BA Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed BA BA BA BA	N/A N/A N/A N/A 12 Months 6 Months 12 Months N/A N/A N/A N/A N/A 6 Months 6 Months 6 Months
03/30/10 03/30/10 04/05/10 04/05/10 04/05/10 04/05/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/17/10 05/17/10 05/17/10 05/17/10 07/16/10 07/12/10 01/10/11 01/10/10/11 01/10/11 01/10/10/11 01/10/10/11 01/10/10/11 01/10/10/11 01/10/10/10/10 01/10/10/10 01/10/10/10 01/10/10/10 01/10/10/10 01/10/	2920 8630 1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4317 4317 4317 4317 4317 4317 4317	SUTHERLAND AVENUE ASHEVILLE HIGHWAY FAIRMONT BOULEVARD HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW EB KUW LC KUW	Third Creek Third Creek Eastbridge First Creek Loves Creek South Knoxville Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek South Knox First Creek South Knox	28 72 16 26 41 23 10 35a 15 13 22 40 16 23 8	V	Construction Failure - Sewer Main Flushing. The area was cleaned. Construction Failure - Sewer Main Flushing. The area was cleaned. Blockage - Debris. The sewer main was flushed & area was cleaned. Blockage - Roots. The sewer main was flushed & area was cleaned. Pump Station - Electrical Failure. Electricity was restored & the area was cleaned. Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned. Construction Failure - Sewer Main Flushing. The area was cleaned. Construction Failure - Sewer Main Flushing. The area was cleaned. Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned. Blockage - Roots. The sewer main was flushed & area was cleaned. Blockage - Debris. The sewer main was flushed & area was cleaned. Blockage - Debris. The sewer main was flushed & area was cleaned. Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1 950 300 940 10 20 1.5 500 500 5	0.02 15 4 1.5 1 4 0.017 4 3 1 2.25		N/A	N/A N/A BA BA Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed N/A Repair Completed BA BA BA	N/A N/A N/A N/A 12 Months 6 Months 12 Months N/A N/A N/A N/A 6 Months 6 Months 6 Months
04/09/10 04/09/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/17/10 05/17/10 05/17/10 07/16/10 07/12/10 01/10/07/10 01/10/07/10 01/07/11 02/08/11 02/08/11 02/28/	8630 1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	ASHEVILLE HIGHWAY FAIRMONT BOULEVARD HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	EB KUW LC LC KUW	Eastbridge First Creek Loves Creek South Knoxville Second Creek Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek Second Creek Third Creek Third Creek Third Creek Third Creek	72 16 26 41 23 10 35a 15 13 22 40 16 23 8	V	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	950 300 940 10 20 1.5 500 500 5	15 4 1.5 1 4 0.017 4 3 1 2.25		N/A	BA BA Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed BA BA BA BA	12 Months 6 Months 12 Months N/A N/A N/A N/A 6 Months 6 Months 6 Months
05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 01/09/10 01/09/10 01/09/10 01/09/10 01/09/11 02/02/11 02/02/11 02/02/11 02/02/11 02/02/11 02/02/11 02/02/11 02/02/11 02/02/11 03/	1709 5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	FAIRMONT BOULEVARD HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW LC KUW	First Creek Loves Creek South Knoxville Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek South Knox First Creek South Knox	16 26 41 23 10 35a 15 13 22 40 16 23 8	V	Blockage - Roots. The sewer main was flushed & area was cleaned.  Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	300 940 10 20 1.5 500 500 5	4 1.5 1 4 0.017 4 3 1 2.25		N/A	BA Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed BA BA BA BA	6 Months 12 Months N/A N/A N/A N/A N/A N/A 6 Months 6 Months 6 Months
05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/03/10 05/17/10 05/17/10 05/17/10 05/17/10 05/17/10 07/16/10 07/	5816 6421 223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445	HOLSTON HILLS ROAD SHETLAND DRIVE BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BALOUIST AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	LC KUW	Loves Creek South Knoxville Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek First Creek Second Creek First Creek First Creek	26 41 23 10 35a 15 13 22 40 16 23 8 39		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	940 10 20 1.5 500 500 5	1.5 1 4 0.017 4 3 1 2.25		N/A N/A N/A N/A N/A N/A N/A N/A	Repair Completed/BA Repair Completed Repair Completed N/A Repair Completed BA BA BA	12 Months N/A N/A N/A N/A N/A 6 Months 6 Months 6 Months
05/03/10 05/17/10 05/17/10 05/17/10 05/124/10 07/16/10 07/16/10 07/122/10 11/07/10 11/09/10 12/06/10 02/02/11 02/02/11 02/02/11 02/28/11 02/28/11 02/28/11 03/02/11 03/0	223 1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445	BERNARD AVENUE CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW	South Knoxville Second Creek Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek First Creek First Creek Third Creek Third Creek	23 10 35a 15 13 22 40 16 23 8		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	20 1.5 500 500 5 50	4 0.017 4 3 1 2.25		N/A N/A N/A N/A N/A N/A N/A	Repair Completed Repair Completed N/A Repair Completed BA BA BA BA	N/A N/A N/A 6 Months 6 Months 6 Months
05/24/10 07/16/10 07/16/10 07/16/10 07/16/10 07/16/10 07/16/10 01/10/10 11/09/10 11/09/10 12/06/10 02/02/11 02/02/11 02/02/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12 03/02/12	1316 1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445	CASSELL DRIVE CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW	Second Creek Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek First Creek South Knoxille Third Creek	10 35a 15 13 22 40 16 23 8		Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1.5 500 500 5 5	0.017 4 3 1 2.25		N/A N/A N/A N/A N/A	N/A Repair Completed BA BA BA	N/A N/A 6 Months 6 Months 6 Months
07/16/10 07/22/10 11/07/10 11/07/10 11/07/10 11/09/10 12/06/10 02/02/11 02/02/11 02/02/11 02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 05/24/11	1700 1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445	CLINCH AVENUE LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW	Second Creek Second Creek Third Creek Third Creek South Knox First Creek Second Creek First Creek South Knoxville Third Creek	35a 15 13 22 40 16 23 8 39		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	500 500 5 5	4 3 1 2.25		N/A N/A N/A N/A	Repair Completed BA BA BA BA	N/A 6 Months 6 Months 6 Months
07/22/10 11/07/10 11/09/10 11/09/10 11/09/10 11/09/10 11/09/10 12/06/10 02/02/11 02/02/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 05/02/11 05/02/11 05/02/11 05/02/11 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01	1317 1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	LOUISIANA AVENUE BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW	Second Creek Third Creek Third Creek South Knox First Creek Second Creek First Creek South Knoxville Third Creek	15 13 22 40 16 23 8 39		Blockage - Roots. The sewer main was flushed & area was cleaned. Blockage - Debris. The sewer main was flushed & area was cleaned. Blockage - Debris. The sewer main was flushed & area was cleaned. Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	500 5 50	3 1 2.25		N/A N/A N/A	BA BA BA	6 Months 6 Months 6 Months
11/07/10 11/09/10 11/09/10 11/09/10 11/09/10 12/06/10 12/06/10 12/06/10 12/06/11	1808 735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	BRADSHAW GARDEN ROAD REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW KUW KUW KUW KUW KUW	Third Creek Third Creek South Knox First Creek Second Creek First Creek South Knoxville Third Creek	13 22 40 16 23 8 39		Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	5 50	1 2.25		N/A N/A	BA BA	6 Months 6 Months
11/09/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/10 12/06/11 12/02/11 12/28/11 12/28/11 12/28/11 12/12/12/11 12/12/12 12/12/12	735 541 2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445	REED STREET WOODLAWN PIKE EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW KUW KUW KUW KUW	Third Creek South Knox First Creek Second Creek First Creek South Knoxville Third Creek	22 40 16 23 8 39		Blockage - Debris. The sewer main was flushed & area was cleaned.  Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50			N/A	BA	6 Months
02/02/11 02/07/11 02/07/11 02/07/11 02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 03/02/11 03/02/11 03/04/11 03/02/11 03/02/11 03/02/11 03/04/11 03/02/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 04/07/11 05/02/11 05/02/11 05/02/11 05/02/11 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01 05/02/01	2101 800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	EDGEWOOD AVENUE TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW KUW KUW	South Knox First Creek Second Creek First Creek South Knoxville Third Creek	40 16 23 8 39		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.				A 1 / A	D	NI/A
02/07/11 02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 03/02/11 03/02/11 03/04/11 03/	800 218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	TYSON STREET AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW KUW KUW	Second Creek First Creek South Knoxville Third Creek	23 8 39		Construction Failure - Sewer Main Flushing. The area was cleaned				N/A	Repair Completed	N/A
02/28/11 3218 02/28/11 3218 02/28/11 02/28/11 02/28/11 03/02/11 03/02/11 03/02/11 03/04/11 2111 03/04/11 03/02/11 03/04/11 03/02/11 03/24/11 04/07/11 04/30/11 06/24/1	218 & 3220 445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	AVONDALE AVENUE BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW KUW	First Creek South Knoxville Third Creek	8 39			50	0.25		N/A	Repair Completed	N/A
02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 03/	445 1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	BLOUNT AVENUE PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW KUW	South Knoxville Third Creek	39	✓	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	1100	Unknown 3		N/A	Repair Completed	N/A
02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 02/28/11 03/02/11 03/02/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/04/11 03/24/11 04/07/11 04/	1912 143 2800 111 & 2115 4317 4924 205 3526 445 2111	PARIS ROAD SOUTH VAN GILDER STREET FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW KUW	Third Creek		V	Blockage - Grease. The sewer main was flushed & area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1500 Unknown	Unknown	✓	N/A Construction Completed	BA/Grease Control N/A	12 Months N/A
02/28/11 03/02/11 03/02/11 03/02/11 03/04/11 03/02/11 03/04/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 03/22/11 06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 07/13/11 08/25/11 09/01/11 12/20/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/29/11 12/10/12	2800 111 & 2115 4317 4924 205 3526 445 2111	FAIRVIEW STREET EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW KUW KUW		13		Heavy rainfall in the area resulted in high flows in the collection system.	30	0.5		Construction Completed	N/A	N/A
03/04/11 2111 03/04/11 03/04/11 03/02/11 03/22/11 03/22/11 03/22/11 04/07/11 04/07/11 06/24/11 06	111 & 2115 4317 4924 205 3526 445 2111	EDGEWOOD AVENUE HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW		24		Heavy rainfall in the area resulted in high flows in the collection system.	5	0.5		Construction Completed	N/A	N/A
03/04/11 03/22/11 03/22/11 03/22/11 03/22/11 04/07/11 04/30/11 06/24/11 06/24/11 06/24/11 06/24/11 07/13/11 09/01/11 12/10/11 12/10/11 12/10/11 12/22/11 12/29/11	4317 4924 205 3526 445 2111	HIAWATHA DRIVE LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD	KUW	First Creek	16		Construction Failure - Bypass pumping failure. The area was cleaned.	40	11		N/A	Repair Completed	N/A
03/22/11 03/24/11 03/24/11 03/24/11 04/07/11 04/30/11 06/24/11 06/24/11 06/24/11 07/13/11 08/25/11 09/01/11 12/25/11 12/29/11 12/20/2012 13/9/2012 14/17/2012 14/18/2012	4924 205 3526 445 2111	LONAS ROAD WEST BAXTER AVENUE BUFFAT MILL ROAD		First Creek Third Creek	<u>16</u> 38		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	1100 40	1 1	<b>√</b>	Construction Completed Construction Completed	N/A N/A	N/A N/A
03/24/11 04/07/11 04/07/11 04/07/11 06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 10/07/13/13/11 10/07/13/13/13 10/07/13/13/13 10/07/	3526 445 2111	BUFFAT MILL ROAD		Fourth Creek	33		Construction Failure - Sewer Main Flushing. The area was cleaned.	200	1.5		N/A	Repair Completed	N/A
04/30/11 06/24/11 06/24/11 06/24/11 06/24/11 07/13/11 07/13/11 08/25/11 09/25/11 09/25/11 12/25/11 12/29/11 12/29/11 12/29/11 12/29/12 12/20/2012 3/3/2012 1/17/2012 1/17/2012 1/18/2012 1/18/2012	445 2111		KUW	Second Creek	23		Construction Failure - Bypass pumping failure. The area was cleaned.	200	1		N/A	Repair Completed	N/A
06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 07/13/11 08/25/11 09/01/11 12/25/11 12/29/20/12 12/29/20/12 12/29/20/20/20/20/20/20/20/20/20/20/20/20/20/	2111	RI OLINI AVENILE	KUW	First Creek	18	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	12 Months
06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 06/24/11 08/25/11 09/01/11 12/10/11 12/10/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/22/11 12/20/2012 3/4/3/2012 14/7/2012 14/8/2012 14/8/2012		EDGEWOOD AVENUE	KUW	South Knoxville First Creek	39 16		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	10 200	0.5 1	✓ ✓	Construction Completed Construction Completed	N/A N/A	N/A N/A
06/24/11 07/13/11 08/25/11 09/01/11 12/10/11 12/22/11 12/22/11 12/29/11 /25/2012 3/7/2012 4/3/2012 1/20/2012 1/20/2012 1/20/2012 1/20/2012 1/20/2012 1/20/2012 1/20/2012 1/47/2012 1/48/2012 1/48/2012	3619	ESSARY DRIVE	KUW	First Creek	1		Heavy rainfall in the area resulted in high flows in the collection system.	1550	1.5		Future Construction Planned	N/A	N/A
08/25/11 09/01/11 12/10/11 12/22/11 12/29/11 12/29/11 12/29/11 12/29/2012 3/7/2012 4/3/2012 1/20/2012 3/9/2012 1/17/2012 1/18/2012 1/18/2012		GREENFIELD LANE	KUW	First Creek	18		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Future Construction Planned	N/A	N/A
09/01/11 12/10/11 12/12/11 12/22/11 12/29/11 12/29/11 12/29/11 12/29/12 12/20/12 12/01/20 12/		E LAKE FOREST DRIVE	KUW	Knob Creek	41		Construction Failure - Bypass pumping failure. The area was cleaned.	225	0.083		N/A	Repair Completed	N/A
12/10/11 12/22/11 12/29/11 12/29/11 12/29/11 12/29/12 13/7/2012 4/3/2012 1/20/2012 1/3/2012 1/17/2012 1/18/2012 1/18/2012		CHINKAPIN LANE RUTLEDGE PIKE	KUW	Third Creek Loves Creek	11 105	<b>✓</b>	Blockage - Grease. The sewer main was flushed & area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	100	1 1		N/A N/A	BA/Grease Control Repair Completed	12 Months N/A
12/22/11 12/29/11 12/29/11 12/5/2012 3/7/2012 4/3/2012 1/20/2012 5/9/2012 1/17/2012 1/18/2012 1/18/2012		MURPHY ROAD	KUW	First Creek	2	· ·	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	30	2		N/A	Repair Completed	N/A
/25/2012 3/7/2012 4/3/2012 4/3/2012 /20/2012 5/9/2012 //17/2012 //18/2012		WILKERSON ROAD	KUW	Third Creek	9		Blockage - Debris. The sewer main was flushed & area was cleaned.	310	4		N/A	BA	12 Months
3/7/2012 4/3/2012 /20/2012 5/9/2012 /17/2012 /18/2012 /18/2012		OLD KINGSTON PIKE	KUW	Third Creek	34		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	3		N/A	Repair Completed	N/A
4/3/2012 /20/2012 5/9/2012 //17/2012 //18/2012 //18/2012		KENSI DRIVE NINETEENTH STREET	KUW	Second Creek Third Creek	10 29	✓ ✓	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	325 35	0.75		N/A N/A	BA BA	6 Months 9 Months
//20/2012 6/9/2012 //17/2012 //18/2012 //18/2012		GLENFIELD DRIVE	KUW	Third Creek	38	,	Construction Failure - Sewer Main Flushing. The area was cleaned.	10	0.25		N/A	Repair Completed	N/A
/17/2012 /18/2012 /18/2012		LUTTRELL STREET	KUW	First Creek	24		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A
/18/2012 /18/2012		ROWAN ROAD	KUW	Second Creek	5		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.5		N/A	BA	12 Months
/18/2012		BEN HUR AVENUE		Williams Creek	25	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Months
		E INSKIP ROAD HORSESTALL DRIVE	KUW	First Creek First Creek	7		Heavy rainfall in the area resulted in high flows in the collection system.  Heavy rainfall in the area resulted in high flows in the collection system.	30 10	1 1		N/A N/A	Repair Completed Repair Completed	N/A N/A
/19/2012		BENT RIVER BOULEVARD	FC	Fourth Creek	43	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	103	1	<b>✓</b>	Construction Completed	N/A	N/A
/25/2012	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	0.33	<b>√</b>	Construction Completed	N/A	N/A
2/10/2010		FLANDERS LANE - APARTMENTS		- " O I	40			40			21/2	D : 0	
0/16/2012 1/8/2012		101, 102, & 103 BENT RIVER BOULEVARD	FC FC	Fourth Creek Fourth Creek	42 43	<b>✓</b>	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	1	<b>√</b>	N/A Construction Completed	Repair Completed N/A	N/A N/A
2/2/2012		WESTERN AVENUE	KUW	Third Creek	11	•	Blockage - Debris. The sewer main was flushed & area was cleaned.	1	0.5	·	N/A	BA	9 Months
2/3/2012		DEBONAIR DRIVE	KUW	Third Creek	9		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	15	1		N/A	Repair Completed	N/A
2/3/2012		DEBONAIR DRIVE	KUW	Third Creek	9		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	10	11		N/A	Repair Completed	N/A
2/17/2012 2/18/2012		CECIL AVENUE WESTERN AVENUE	KUW	First Creek Third Creek	18 11		Construction Failure - Sewer Main Flushing. The area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	3 20	0.25 0.5		N/A N/A	Repair Completed BA	N/A 6 Months
2/20/2012		CORAM STREET		Second Creek	14	<b>√</b>	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	1,550	2		N/A	BA BA	6 Months
/15/2013		CEDAR LANE	KUW	First Creek	4	<b>√</b>	Heavy rainfall in the area resulted in high flows in the collection system.	5	2	F	Future Construction Planned	N/A	N/A
/16/2013		BENT RIVER BOULEVARD	FC	Fourth Creek	43	<b>√</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	1	✓	N/A	Repair Completed	N/A
/25/2013		DORA STREET	KUW	Third Creek	29		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	6,800	9		N/A	Repair Completed	N/A
2/6/2013 4/8/2013		LANTERN RIDGE LANE E INSKIP ROAD	KUW	Third Creek	9 7		Blockage - Grease and Debris. The sewer main was flushed & the area was cleaned.	1,750	Unknown 1		N/A N/A	BA/Grease Control	12 Months N/A
4/8/2013 /11/2013		CARRINGTON ROAD	FC	First Creek Fourth Creek	32b		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	10 25	0.25		N/A N/A	Repair Completed Repair Completed	N/A N/A
/28/2013		JOUROLMAN AVENUE	KUW	Third Creek	22	<b>✓</b>	Blockage - Grease and Debris. The sewer main was flushed & the area was cleaned.	6,350	6		N/A	BA/Grease Control	6 Months
/28/2013		NOELTON DRIVE	KUW	Third Creek	38		Blockage - Debris. The sewer main was flushed & area was cleaned.	2	0.0166		N/A	BA	12 Months
/24/2013	519	WOODS CREEK ROAD	LC	Loves Creek	105	<b>✓</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	1		N/A	Repair Completed	N/A
0/16/2013		N WINSTON ROAD	FC	Fourth Creek	32b	· ·	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	300	2		N/A	Repair Completed	N/A
0/26/2013	2304 409	BAKER AVENUE	KUW	South Knox	40	✓	Blockage - Grease. The sewer main was flushed & area was cleaned.	10	0.25		N/A	BA/Grease Control	6 Months
1/21/2013 1/25/2013	2304 409 1216		KUW	First Creek First Creek	3 17	<b>/</b> / (	Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	1,650	0.125 1		N/A N/A	Repair Completed Repair Completed	N/A N/A
2/12/2013	2304 409 1216 5700	DOGWOOD DRIVE COKER AVENUE	KUW	Third Creek	22	,	Blockage - Grease. The sewer main was flushed & area was cleaned.	1,650	1	-	Future Construction Planned	N/A	N/A

BBUs Chronological Sort Page 1

Date	Street #	Street	Plant	Watershed	Basin	Event included in SSOER	Cause of Backup/KUB Response	Volume	Duration (Hours)	Event Occurred two or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
06/24/11	3619	ESSARY DRIVE	KUW	First Creek	1	SOUER	Heavy rainfall in the area resulted in high flows in the collection system.	1550	1.5	within 12 months	Future Construction Planned	N/A	N/A
02/03/10		GREENCREST ROAD	KUW	First Creek	1		Blockage - Roots. The sewer main was flushed & area was cleaned.	15	1		N/A	BA	6 Months
9/18/2012 12/10/11		HORSESTALL DRIVE MURPHY ROAD	KUW	First Creek	2	<b>√</b>	Heavy rainfall in the area resulted in high flows in the collection system.	10 30	1 2		N/A N/A	Repair Completed	N/A N/A
11/21/2013		DOGWOOD DRIVE	KUW	First Creek First Creek	3	+ · ·	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	2	0.125		N/A	Repair Completed Repair Completed	N/A
1/15/2013		CEDAR LANE	KUW	First Creek	4	<b>√</b>	Heavy rainfall in the area resulted in high flows in the collection system.	5	2		Future Construction Planned	N/A	N/A
6/9/2012		ROWAN ROAD	KUW	Second Creek	5		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.5		N/A	BA	12 Months
9/18/2012	702	E INSKIP ROAD	KUW	First Creek	7		Heavy rainfall in the area resulted in high flows in the collection system.	30	1		N/A	Repair Completed	N/A
4/8/2013		E INSKIP ROAD	KUW	First Creek	7	<del>                                     </del>	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	10	1		N/A	Repair Completed	N/A
02/28/11		AVONDALE AVENUE	KUW	First Creek	<u>8</u> 9	<b>√</b>	Blockage - Grease. The sewer main was flushed & area was cleaned.	1500	3		N/A	BA/Grease Control	12 Months
12/3/2012 12/3/2012		DEBONAIR DRIVE DEBONAIR DRIVE	KUW	Third Creek Third Creek	9	+ +	Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.  Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	15 10	1 1		N/A N/A	Repair Completed Repair Completed	N/A N/A
01/25/10		WALLWOOD DRIVE	KUW	Third Creek	9		Blockage - Roots. The sewer main was flushed & area was cleaned.	275	3		N/A	BA	6 Months
12/22/11		WILKERSON ROAD	KUW	Third Creek	9		Blockage - Debris. The sewer main was flushed & area was cleaned.	310	4		N/A	BA	12 Months
2/6/2013	6310	LANTERN RIDGE LANE	KUW	Third Creek	9		Blockage - Grease and Debris. The sewer main was flushed & the area was cleaned.	1,750	Unknown		N/A	BA/Grease Control	12 Months
1/25/2012		KENSI DRIVE	KUW	Second Creek	10	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		N/A	BA	6 Months
05/24/10		CASSELL DRIVE		Second Creek	10		Construction Failure - Sewer Main Flushing. The area was cleaned.	1.5	0.017		N/A	N/A	N/A
08/25/11		CHINKAPIN LANE	KUW	Third Creek	11	+	Blockage - Grease. The sewer main was flushed & area was cleaned.	100	1		N/A	BA/Grease Control	12 Months
12/2/2012 12/18/2012		WESTERN AVENUE WESTERN AVENUE	KUW	Third Creek Third Creek	<u>11</u> 11	+	Blockage - Debris. The sewer main was flushed & area was cleaned.  Blockage - Roots. The sewer main was flushed & area was cleaned.	20	0.5 0.5		N/A N/A	BA BA	9 Months 6 Months
11/07/10		BRADSHAW GARDEN ROAD	KUW	Third Creek	13	+	Blockage - Debris. The sewer main was flushed & area was cleaned.	5	1		N/A N/A	BA	6 Months
02/28/11		PARIS ROAD	KUW	Third Creek	13		Heavy rainfall in the area resulted in high flows in the collection system.	30	0.5		Construction Completed	N/A	N/A
12/20/2012	3006	CORAM STREET	KUW	Second Creek	14	<b>√</b>	Blockage - Roots. The sewer main was flushed & area was cleaned.	1,550	2		N/A	BA	6 Months
11/8/06	1317	LOUISIANA AVENUE	KUW	Second Creek	15		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1.5		N/A	Repair Completed	N/A
07/22/10		LOUISIANA AVENUE		Second Creek	15		Blockage - Roots. The sewer main was flushed & area was cleaned.	500	3		N/A	BA	6 Months
05/03/10		FAIRMONT BOULEVARD	KUW	First Creek	16	1	Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	6 Months
02/02/11		EDGEWOOD AVENUE	KUW	First Creek	16	+ +	Construction Failure - Sewer Main Flushing. The area was cleaned.	50	0.25	,	N/A	Repair Completed	N/A
06/24/11 10/08/08		EDGEWOOD AVENUE FAIRVIEW STREET	KUW	First Creek First Creek	16 16	+ +	Heavy rainfall in the area resulted in high flows in the collection system.  Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	200	1	✓	Construction Completed N/A	N/A BA/Grease Control	N/A 6 Months
03/02/11		FAIRVIEW STREET	KUW	First Creek	16	+	Construction Failure - Bypass pumping failure. The area was cleaned.	40	1		N/A	Repair Completed	N/A
03/04/11		EDGEWOOD AVENUE	KUW	First Creek	16		Heavy rainfall in the area resulted in high flows in the collection system.	1100	1	✓	Construction Completed	N/A	N/A
							,				·		
11/25/2013		COKER AVENUE	KUW	First Creek	17	✓	Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	1,650	1		N/A	Repair Completed	N/A
06/24/11		GREENFIELD LANE	KUW	First Creek	18		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Future Construction Planned	N/A	N/A
12/17/2012 04/07/11		CECIL AVENUE BUFFAT MILL ROAD	KUW	First Creek	<u>18</u> 18	<b>√</b>	Construction Failure - Sewer Main Flushing. The area was cleaned.	3	0.25		N/A N/A	Repair Completed	N/A
11/09/10		REED STREET	KUW	First Creek Third Creek	22	+ · ·	Blockage - Roots. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	300 50	2.25		N/A	BA BA	12 Months 6 Months
4/28/2013		JOUROLMAN AVENUE	KUW	Third Creek	22	<b>√</b>	Blockage - Grease and Debris. The sewer main was flushed & the area was cleaned.	6,350	6		N/A	BA/Grease Control	6 Months
12/12/2013		KEITH AVENUE	KUW	Third Creek	22	<b>√</b>	Blockage - Grease. The sewer main was flushed & area was cleaned.	105	1		Future Construction Planned	N/A	N/A
03/24/11	205	WEST BAXTER AVENUE	KUW	Second Creek	23		Construction Failure - Bypass pumping failure. The area was cleaned.	200	1		N/A	Repair Completed	N/A
05/17/10		BERNARD AVENUE		Second Creek	23	1	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	20	4		N/A	Repair Completed	N/A
01/26/10		CLINCH AVENUE	KUW	Second Creek	23		Blockage - Roots. The sewer main was flushed & area was cleaned.	4000	11		N/A	BA	6 Months
02/07/11 02/28/11		TYSON STREET SOUTH VAN GILDER STREET	KUW	Second Creek First Creek	23 24	+ +	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Heavy rainfall in the area resulted in high flows in the collection system.	1100	Unknown 0.5		N/A Construction Completed	Repair Completed N/A	N/A N/A
4/20/2012		LUTTRELL STREET	KUW	First Creek	24	1	Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A
8/17/2012		BEN HUR AVENUE		Williams Creek	25	<b>√</b>	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Months
01/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	1000	1		N/A	BA	6 Months
3/18/02		HOLSTON HILLS RD	LC	Loves Creek	26	1	Blockage - Debris. The sewer main was flushed & area was cleaned.	Unknown			N/A	BA	12 Months
12/10/08		HOLSTON HILLS ROAD	LC	Loves Creek	26		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	50	1 1		N/A	Repair Completed	N/A
05/03/10 04/05/10		HOLSTON HILLS ROAD SUTHERLAND AVENUE	LC KUW	Loves Creek Third Creek	26 28	✓	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	940	1.5 0.02		N/A N/A	Repair Completed/BA N/A	12 Months N/A
03/30/10		SUTHERLAND AVENUE	KUW	Third Creek	28		Construction Failure - Sewer Main Flushing. The area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	15	0.02		N/A	N/A	N/A
3/7/2012		NINETEENTH STREET	KUW	Third Creek	29	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	35	0.75		N/A	BA	9 Months
1/25/2013		DORA STREET	KUW	Third Creek	29		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	6,800	9		N/A	Repair Completed	N/A
02/26/10		MAGNET PLACE		Williams Creek	31	1	Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	33	2		N/A	BA/Grease Control	6 Months
03/22/11		LONAS ROAD		Fourth Creek	33	+	Construction Failure - Sewer Main Flushing. The area was cleaned.	200	1.5		N/A	Repair Completed	N/A
12/29/11 5/28/2013		OLD KINGSTON PIKE NOELTON DRIVE	KUW	Third Creek Third Creek	34 38	+	Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	50 2	3 0.0166		N/A N/A	Repair Completed BA	N/A 12 Months
4/3/2012		GLENFIELD DRIVE	KUW	Third Creek	38	+	Construction Failure - Sewer Main Flushing. The area was cleaned.	10	0.0100		N/A	Repair Completed	N/A
03/04/11		HIAWATHA DRIVE	KUW	Third Creek	38	+	Heavy rainfall in the area resulted in high flows in the collection system.	40	1		Construction Completed	N/A	N/A
02/28/11		BLOUNT AVENUE		South Knoxville	39		Heavy rainfall in the area resulted in high flows in the collection system.	Unknowr	Unknown	✓	Construction Completed	N/A	N/A
04/30/11		BLOUNT AVENUE		South Knoxville	39		Heavy rainfall in the area resulted in high flows in the collection system.	10	0.5	✓	Construction Completed	N/A	N/A
12/06/10		WOODLAWN PIKE	KUW	South Knox	40		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	500	5		N/A	Repair Completed	N/A
10/26/2013		BAKER AVENUE	KUW	South Knox	40	✓	Blockage - Grease. The sewer main was flushed & area was cleaned.	10	0.25		N/A	BA/Grease Control	6 Months
03/29/10		ECHODALE LANE		South Knoxville	41	+	Blockage - Roots. The sewer main was flushed & area was cleaned.	5	0.5		N/A	Repair Completed	N/A
07/13/11 05/03/10		E LAKE FOREST DRIVE SHETLAND DRIVE	KUW	Knob Creek South Knoxville	41 41	+ +	Construction Failure - Bypass pumping failure. The area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	225 10	0.083		N/A N/A	Repair Completed Repair Completed	N/A N/A
10/16/2012		101. 102. & 103		Fourth Creek	41	+	Construction Failure - Onconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	10	1		N/A N/A	Repair Completed  Repair Completed	N/A N/A
9/19/2012		BENT RIVER BOULEVARD		Fourth Creek	43	<b>√</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	103	1	✓	Construction Completed	N/A	N/A
9/25/2012		BENT RIVER BOULEVARD		Fourth Creek	43	<b>√</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	0.33	<b>✓</b>	Construction Completed	N/A	N/A
11/8/2012		BENT RIVER BOULEVARD		Fourth Creek	43	<b>√</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	4	1	✓	Construction Completed	N/A	N/A
1/16/2013		BENT RIVER BOULEVARD		Fourth Creek	43	<b>√</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	1	✓	N/A	Repair Completed	N/A
	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	· /	Blockage - Debris. The sewer main was flushed & area was cleaned.	950	15		N/A	BA Panair Completed	12 Months
04/09/10				Loves Creek	105	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	1		N/A	Repair Completed	N/A
8/24/2013	2304	WOODS CREEK ROAD	LC			,	Oriendes Divines Feithure Divines was a strict of the stri		4		NI/A	Deneis Constituted	NI/A
8/24/2013 09/01/11	2304 6235	RUTLEDGE PIKE	LC	Loves Creek	105	<b>✓</b>	Grinder Pump Failure. Pump was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	20 300	1 2		N/A N/A	Repair Completed Repair Completed	N/A N/A
8/24/2013	2304 6235 409	I .	LC FC				Grinder Pump Failure. Pump was repaired & the area was cleaned.  Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	20 300 25	1 2 0.25		N/A N/A N/A	Repair Completed Repair Completed Repair Completed	N/A N/A N/A

BBUs Basin-Street Sort Page 1

							Event				Event Occurred two			
Date	Street #	Street	Plant	Watershed	Basin	Backup Location	included in SSOER	Cause of Backup/KUB Response	Volume	Duration (Hours)	or more times within 12 months	Long-Term Capital Project	Short-Term Controls Blockage Abatement (BA)	BA Schedule
8/2/07	4213	WALROCK LANE	KUW	Third Creek	12	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	540	1.66		N/A	BA	12 Months
01/06/09	1033	KEOWEE AVENUE	KUW	Third Creek	38	Building Backup		Blockage - Unknown. The sewer main was flushed & area was cleaned.	1000	0.5		N/A	ВА	6 Months
01/06/09	5230	MCNUTT ROAD	KUW	Knob Creek	41	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	11	0.25		Future Construction Planned	N/A	N/A
02/01/09		DEERFIELD ROAD	KUW	Third Creek	11	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	1	1		Construction Completed	N/A	N/A
03/15/09		BALL CAMP PIKE LINDEN AVENUE	KUW	Third Creek Williams Creek	12 19	Building Backup Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.  Blockage - Debris. The sewer main was flushed & area was cleaned.	375	0.5 0.02		N/A N/A	BA/Grease Control BA/Grease Control	1 Month 3 Months
03/17/09	2000	FRATERNITY PARK	KUW	Williams Creek	19	Patio and Building		The capacity of the sewer main was exceeded when a swimming pool was	ı	0.02		IN/A	BA/Grease Control	3 MOTILIS
4/13/09	1848	DRIVE	KUW	Third Creek	35B	Backup	✓	drained.	650	2.25		N/A	Repair Completed	N/A
04/21/09		WALROCK LANE	KUW	Third Creek	12	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.17		N/A	BA	6 Months
								Construction Failure - Unconnected Lateral. The lateral was repaired & the		Intermittent over several				
5/14/09 05/20/09		E JACKSON AVE LAKESHORE DRIVE	KUW	First Creek Knob Creek	30 41	Building Backup Building Backup		area was cleaned.  Construction Failure - Sewer Main Flushing. The area was cleaned.	900	weeks 0.017		N/A N/A	Repair Completed N/A	N/A N/A
03/20/09	3306	LAKESHORE DRIVE	KUW	KIIOD CIEEK	41	Бинину Баскир		Blockage - Grease and Roots. The sewer main was flushed & area was	ı	0.017		IN/A	IN/A	IN/A
05/24/09		GLASGOW ROAD	KUW	First Creek	7	Building Backup		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	100	2.25		N/A	BA/Grease Control	6 Months
05/27/09	8714	STRAWBERRY PLAINS PIKE	EB	Eastbridge	72	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	2	0.016		N/A	BA/Grease Control	6 Months
05/28/09	2536	NICHOLS AVENUE	KUW	Williams Creek	19	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	15	0.33		N/A	BA/Grease Control	12 Months
06/10/09		WAYNE DRIVE	LC	Loves Creek	6	Building Backup		Blockage - Unknown. The sewer main was flushed & area was cleaned.	3	0.33		N/A	BA	3 Months
07/13/09	4900	ADA LANE	KUW	First Creek	2	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	98	0.5		N/A	N/A	N/A
07/15/09	2709	SPRING HILL ROAD	LC	Loves Creek	6	Building Backup		Construction Failure - Dig-in. The lateral was repaired & the area was cleaned.	20	6		N/A	N/A	N/A
09/01/09	2716	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	9.5 120		N/A	BA	1 Month
09/25/09	3001	GINNBROOKE LANE	KIIM	South Knoxville	47	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	120 Intermittently		Construction Completed	N/A	N/A
09/23/09		E GOVERNOR JOHN	KOW	South Knoxville	47	Building Backup		blockage - Deblis. The sewel main was hushed & alea was cleaned.	100	intermittently		Completed	IV/A	IN/A
09/26/09		SEVIER HWY	LC	Loves Creek	60	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Completed	N/A	N/A
								,				Construction		
09/26/09	2637	W. BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	1000	2		Completed	N/A	N/A
10/10/09	4111	BRUHIN RD	KUW	Second Creek	10	Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.	50	29 Intermittently		N/A	BA/Grease Control	6 Months
							_	Construction Failure - Unconnected Lateral. The lateral was repaired & the						
10/13/09	3605	GARDEN DRIVE	KUW	First Creek	3	Building Backup		area was cleaned.	5	0.25		N/A	Repair Completed	N/A
10/21/09	1300	TEXAS AVENUE	KUW	Second Creek	15	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A

BBUs to be deleted Page 1