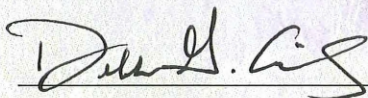


2003-2012 Sanitary Sewer Overflow Evaluation Report

Including Building Backups and Trend Analysis

Submitted to EPA on April 29, 2013

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

4-29-13

Date



Executive Summary

2003-2012 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 2003-2012 SSOER is an evaluation of the sanitary sewer overflows (SSOs), including building backups, that occurred between January 2003 and December 2012. 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 2008) 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 “2003-2012 SSOER with Building Backups” spreadsheets still include events that occurred in 2001 and 2002 unless they were removed for not having a recurrence during the previous three years.

Overall, there has been a 90.5 percent decrease in the number of wet-weather SSOs, including building backups, and a 56.4 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 (216 miles) of sewer main and the completion of over 211 projects, including six wet-weather storage tanks with 34 million gallons of total storage, all completed since the beginning of PACE 10.

The trend in SSO occurrence from year to year has also been influenced by rainfall and weather conditions. In fact, an increase 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. Saturated ground or antecedent 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 71 percent of the 21 wet-weather overflows in 2012 occurred during two months of the year when saturated ground conditions increased the possibility for inflow. January rains produced six wet-weather overflows when the area received 5.67 inches of rain following the approximately 12 inches of rain received in the previous two months. Then, seven wet-weather overflows and two building backups occurred in September when an average of 5.6 inches of rain fell over the KUB service area within a 24-hour period. Historical data from the NWS shows this event to be a 50-year storm. This estimate is based on the application of historical intensity, duration, and frequency data.

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 74 times in 2012 (an average of about 12 times each), containing over 92 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, and protect the environment.

There has also been an 86 percent decrease in building backups compared to 2003, which can be attributed to system rehabilitation efforts, the success of the Private Lateral Program, and increased

response to problems on property. At the end of 2007, KUB began using a lateral launch camera to inspect private sewer laterals in addition to sewer mains in response to problems on property. Those inspections are now used as enforcement for the Private Lateral Program to require repair of any defective private lateral.

As required by the Consent Decree, the SSOER and building backup summaries are sorted by chronological occurrence. They are also sorted 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 spreadsheet headings in the SSOER

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 headings in the Building Backup spreadsheets

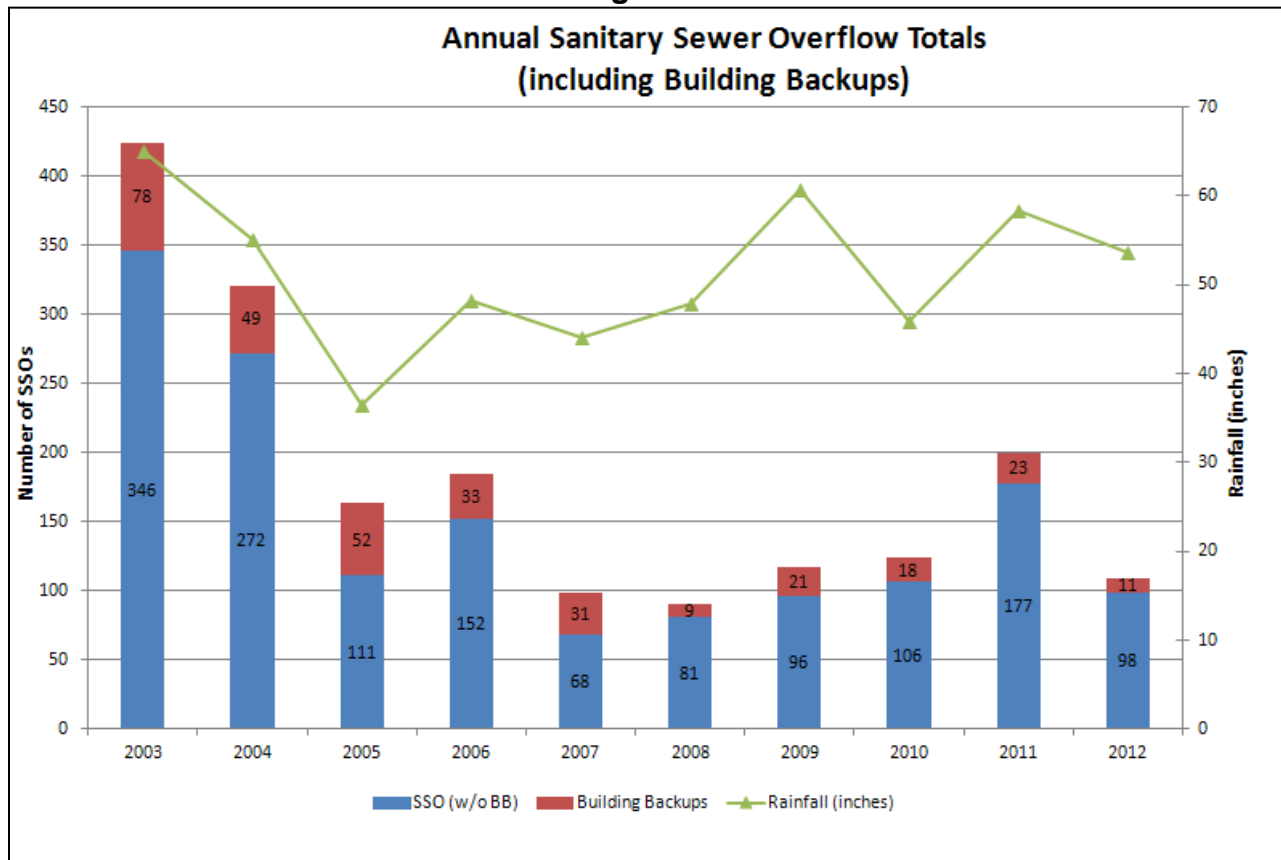
- 1. Date:** Date the backup was discovered by/or reported to KUB.
- 2. Street #:** The street number of the location where the backup occurred.
- 3. Street:** The street name where the backup occurred.
- 4. Plant:** The wastewater treatment plant (WWTP) that receives wastewater from the collection system 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.
 - Construction Completed
 - 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 building backups include activities intended to reduce and/or eliminate the cause of the 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 a backup 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 backups being alleviated by short-term measures.

2003-2012 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

Figure 1



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. 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

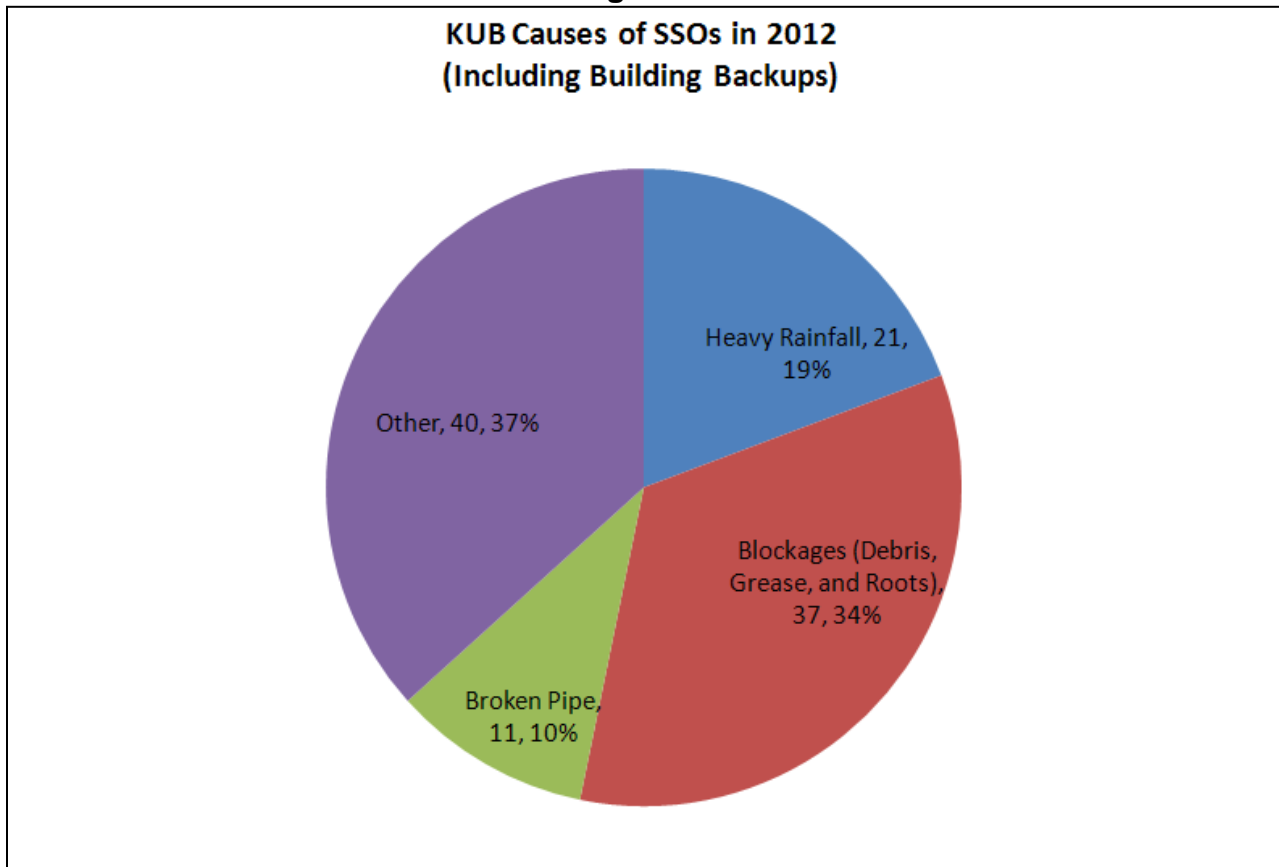
2008 and 60.66 inches in 2009, as reported by the National Weather Service (NWS). This amount of annual rainfall had not occurred since 2003, when the area received 65 inches of rain throughout the year. In 2009, however, only 29 wet-weather SSOs occurred compared to over 200 in 2003. Then, in January 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 or 50 percent of the wet-weather SSOs reported for that year.

The number of SSOs including building backups increased to 200 in 2011, when the annual rainfall approached 60 inches again. Ninety-two of those were wet-weather related and represent 46 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 the February 28, 2011, 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. The Knoxville area received 53.64 inches of rain, which was only 4.76 inches less than that in 2011; however, total overflows decreased by almost 55 percent and wet-weather overflows decreased by 77 percent from 2011. The use of two new storage tanks (completed in June 2011 after 2011's heaviest rains) helped to keep the wet-weather related overflows low in 2012. This is evident when looking at 2012's large rain events. 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 recorded rain totals ranging from 4.9 to 6.2 inches in a 24-hour period. The rainfall data from the gauges indicated an average of 5.6 inches for the overall area. The majority of our service area received almost six inches of rain that began in the morning on September 17, 2012, and extended through the next 24 hours. These gauges also revealed that the heaviest rainfall fell in the last few hours of the storm after the ground and streams had already received over three inches of rain. During this time, rain intensities reached 1.4 inches per hour in some locations early in the morning on September 18, 2012. Historical data from the NWS shows this event to be a 50-year storm. This estimate is based on the application of historical intensity, duration, and frequency data. KUB requested the September 17–18, 2012 storm event 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 seen in Figure 2, there were 88 dry-weather SSOs, including building backups, in 2012, which account for 81 percent of the total. Compared to 2003, there has been a 56.4 percent decrease in dry-weather SSOs, including building backups, in our collection system. This number has remained somewhat constant over the last three years.

Figure 2



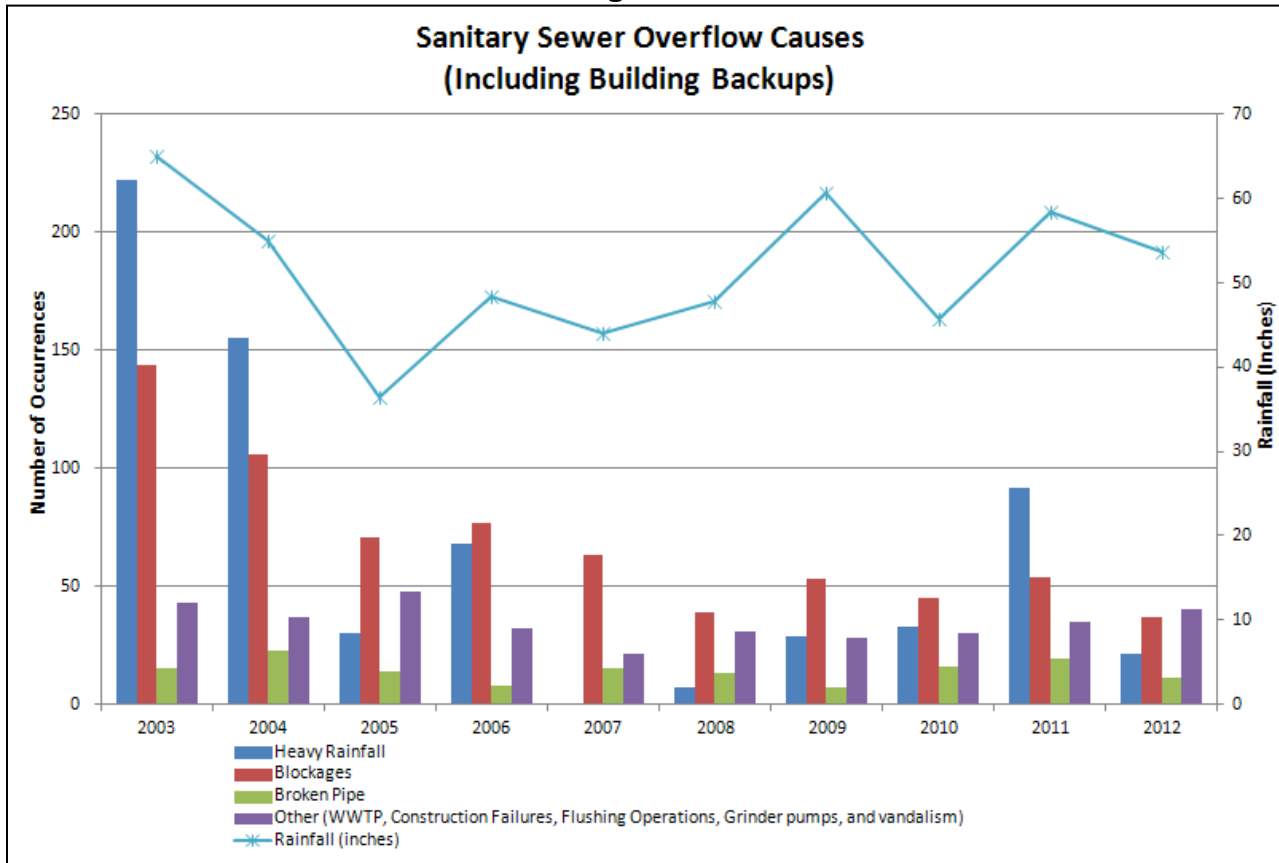
Causes of Sanitary Sewer Overflows

Figure 2 presents a comparison of SSOs for 2012 by causes. In this graph, the SSOs were grouped into four categories:

- Heavy Rainfall
- Blockages (Debris, Grease, and/or Roots)
- Broken Pipe
- Other (Construction Failures, Grinder Pump Failures, Electrical/Mechanical 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.

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, but they have declined by approximately 74 percent since 2003. Blockage-related events decreased from 54 in 2011 to 37 in 2012. Debris tends to accumulate in the collection system during dry periods with lower than typical flows. Higher flows following rainfall events can then move these materials through the system and cause blockage-related overflows at another location. This is seen in the slight increases in 2006, 2009, and 2011, relative to the previous years. There were at least 10 blockage-related events in 2009 that occurred in conjunction with higher flows, seven in 2010, and 11 in 2011.

KUB's Blockage Abatement (BA) Program, an operational and maintenance approach to blockage-related overflows, 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 in

2004 so internal resources could focus on proactive maintenance and assessment. Last year KUB cleaned more than 49 miles of sewer main. The progress of the BA Program is evident when looking at the number of blockage-related events. In 2012, KUB had 37 events, that is the lowest number of blockage-related events recorded since prior to 2003, thus proving the success of BA maintenance efforts.

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 seven in 2012.

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 2012 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.

Figure 3 indicates rain was the largest contributor to SSOs in 2003 and 2004, but the impacts of rain have decreased over time due to system rehabilitation and storage tank construction. Following the 2007 drought year, during which no events were caused by heavy rainfall, normal rainfall in 2008 caused seven events. Since 2008 there has been an increase in wet-weather overflows that can also be attributed to the influence of rainfall. The heavy rainfall (61 inches) in 2009 caused an increase in wet-weather events relative to the prior two years. This amount of annual rainfall had not occurred since 2003, when the area received 65 inches of rain throughout the year. 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. KUB requested the February 28, 2011, storm event be recognized as a Force Majeure event in a letter to the EPA on March 18, 2011.

In 2012, the Knoxville area received above average precipitation (53.64 inches), which was only 4.76 inches less than the total rainfall received in 2011. Twenty-one wet-weather overflows occurred in 2012, which is significantly lower than 2011 due to PACE10 progress and storage tank completion. The NWS reported the Knoxville area received 5.67 inches of rain in January. This occurred after receiving almost 12 inches of rain in the previous two months. With the ground already saturated, the rainfall in January produced six wet-weather overflows. Then on September 17, 2012, the Knoxville area experienced a significant 24-hour rainfall event. The majority of our

service area received almost six inches of rain that began in the morning on September 17, 2012, and extended through the next 24 hours. Rain gauges revealed that the heaviest rainfall fell in the last few hours of the storm after the ground and streams had already received over three inches of rain. During this time, rain intensities reached 1.4 inches per hour in some locations early in the morning on September 18, 2012. Historical data from the NWS shows this event to be a 50-year storm. Seven sewer overflows were directly related to I/I received due to this heavy rainfall. KUB requested the September 17–18, 2012 storm event be recognized as a Force Majeure event in a letter to the EPA on October 5, 2012.

Table 1 compares the number of SSOs occurring during rainfall events associated with antecedent soil moisture conditions and clearly illustrates the effects from improvements within our system. Overall, overflows due to heavy rainfall have decreased 90.5 percent since 2003, as seen in Figure 3. Table 1 shows rainfall and SSOs for similar wet-weather events. It also includes volumes associated with secondary diversions, or the volume of wastewater that is routed away from the biological portion of treatment during high flow to prevent harm to the plant.

Table 1. Wet-Weather Event Comparison

Event Period	Amount of Rainfall (inches)					Wet-Weather SSOs	Secondary Diversion Volume (MG)
	1 Day	3 Day	5 Day	30 Day	60 Day		
Dec 6–10, 2004	2.07	2.58	4.4	9.87	15.53	45	105.14
Nov 29–Dec 5, 2010	2.35	2.97	3.52	5.91	10.94	9	35.45
Dec 31–Jan 1, 2011	2.4	2.52	2.52	4.16	10.9	4	12.62
Feb 24–Feb 28, 2011*	3	3.39	4.9	5.87	9.29	32	38.21
April 14–April 16, 2011	1.49	2.86	2.86	9.08	15.46	17	17.11
April 25–April 27, 2011	2.61	2.95	3.23	9.08	15.46	7	10.22
Sept 17–Sep 18, 2012**	3.08	6.1	6.1	7.64	11.78	10	29.87

*Force Majeure event with rainfall intensity of approximately 3 inches in 3 hours

**Force Majeure event with rainfall intensity of approximately 1.4 inches in 1 hour

When comparing the September 2012 Force Majeure event to the December 2004 rain event, the secondary diversion volume decreased by almost 72 percent and by almost 22 percent compared the February 2011 Force Majeure event. The decrease in volume from 2011 to 2012 can be attributed to the substantial completion and beneficial use of the Lower Third Creek and Second Creek Wastewater Storage facilities in June 2011. These tanks added 12 million gallons of peak-flow storage for the Kuwahee Wastewater Treatment Plant (WWTP) to further reduce wet-weather SSOs, reduce diversions, and provide improved operational flexibility during heavy rainfall. Additionally, improvements such as line replacement and rehabilitation projects made within the collection system have dramatically decreased the effects from rainfall patterns and antecedent soil moisture conditions.

The “Long-Term Capital Improvement” column of the SSOER 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 11 SSOs due to broken pipe in 2012. 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. Over 216 miles of pipe have been rehabilitated since the beginning of the PACE 10 program.

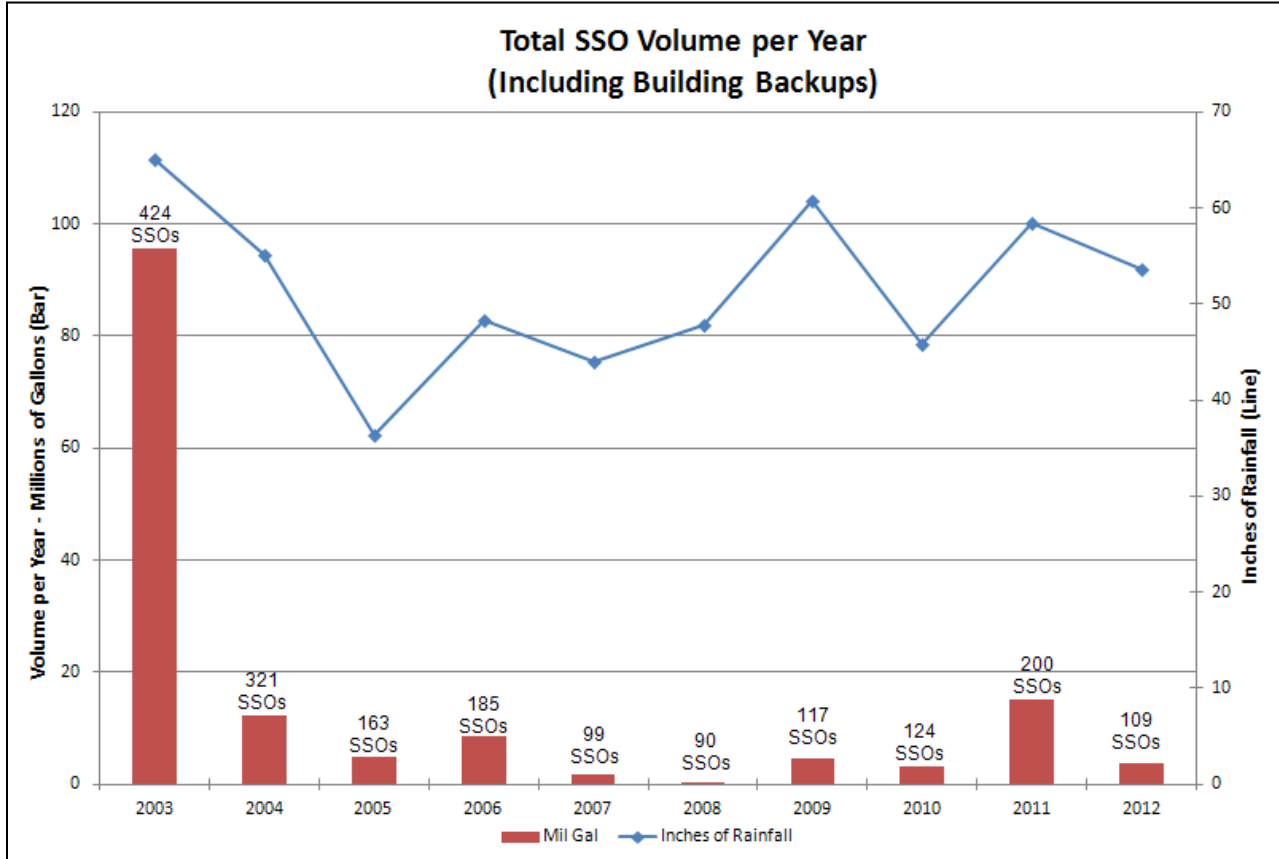
Other

Construction failures and grinder pump failures were the primary drivers in this category for 2012. This category also includes protruding laterals, dig-ins by contractors, construction failures due to contractors, failures of pump-around efforts, and electrical/mechanical failures at pumping facilities.

KUB continues to look closely at the specific causes within this category to eliminate SSOs, whenever possible. This year 16 SSOs and building backups were caused by grinder pump failures, representing 40 percent of total SSOs in this category. In several cases, the grinder pump failures were outside of KUB's control. One property had three grinder pump failures within two months that resulted in sewer overflows. Two of these overflows were due to a plumbing issue inside the home, and the pump was replaced with a larger version. Other examples of causes include customers inadvertently turning off power to their pumps, customers putting items down their sewer lines that should not go through the pump, and one customer building a retaining wall near the pump that crushed the discharge pipe. In 2011, all KUB-owned grinder pumps were assessed, prioritized, and set on an aggressive maintenance schedule. KUB proactively conducts routine maintenance on these grinder pumps to help prevent future SSOs.

In addition, construction failures caused 15 SSOs and building backups this year. There is a wide range of factors in this category, such as laterals disconnected during construction work, sewer main flushing, bypass pump failures, dig-ins, dewatering containment failures, and blockages caused by construction debris. When these situations occur, they are looked at on a case-by case basis, investigated to determine how the situation could have been prevented, and plans are 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 2012. 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.

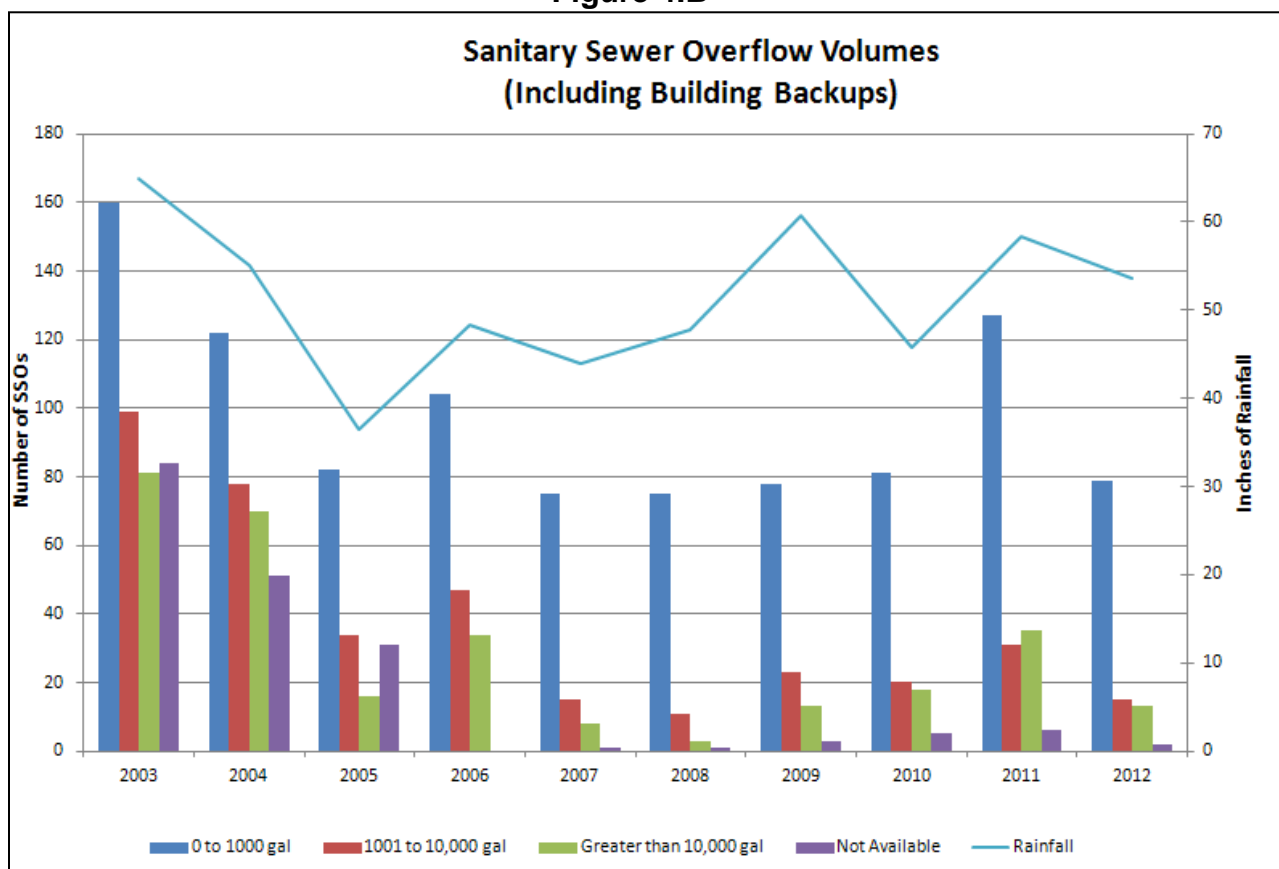
Total volumes have decreased by over 96 percent, from 95.66 million gallons in 2003 to 3.81 million gallons in 2012. The dramatic decrease in total overflow volumes from 2006 to 2007 is attributed to very low rainfall totals. All of the overflows that occurred in 2007 were dry-weather events. This downward trend continued in 2008 with the use of four storage tanks to help manage peak wet-weather flows. The increase from 2009 to 2012 was a result of increased rainfall, and particularly, the result of individual rainfall events of significant magnitude.

In June 2011, KUB achieved substantial completion and the beneficial use of the Lower Third Creek and Second Creek Wastewater Storage Facilities. These tanks add 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.

The effects of the implementation of the two new storage tanks are apparent when comparing the SSO volumes from 2011 to 2012. During the Force Majeure rain event in September 2012, KUB's storage tanks retained approximately 32 million gallons of flow. In fact, the two storage tanks, located at Lower Third Creek and Second Creek were filled to their maximum capacity of 12 million gallons. This one extreme rain event produced almost 2.4 million gallons of volume. The total for 2012 was only 3.81 million gallons. The use of KUB's six storage facilities and ongoing rehabilitation efforts have significantly reduced the flows in the sewer system during heavy rainfall events thereby minimizing the amount of unrecovered volume.

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:

- Calculating Rectangular Spill Areas
- 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

In 2012, 79 of the 109 SSOs and building backups were 1,000 gallons or less, and out of those, over 91 percent were less than 500 gallons. Most of these events were related to blockages, grinder pumps failures, or other non-rain-related events.

1001 to 10,000 gallons

This volume range can again be related to non-rain events. The trend for this range is related to blockages or broken pipe. There were only 15 SSOs and building backups in this category for 2012.

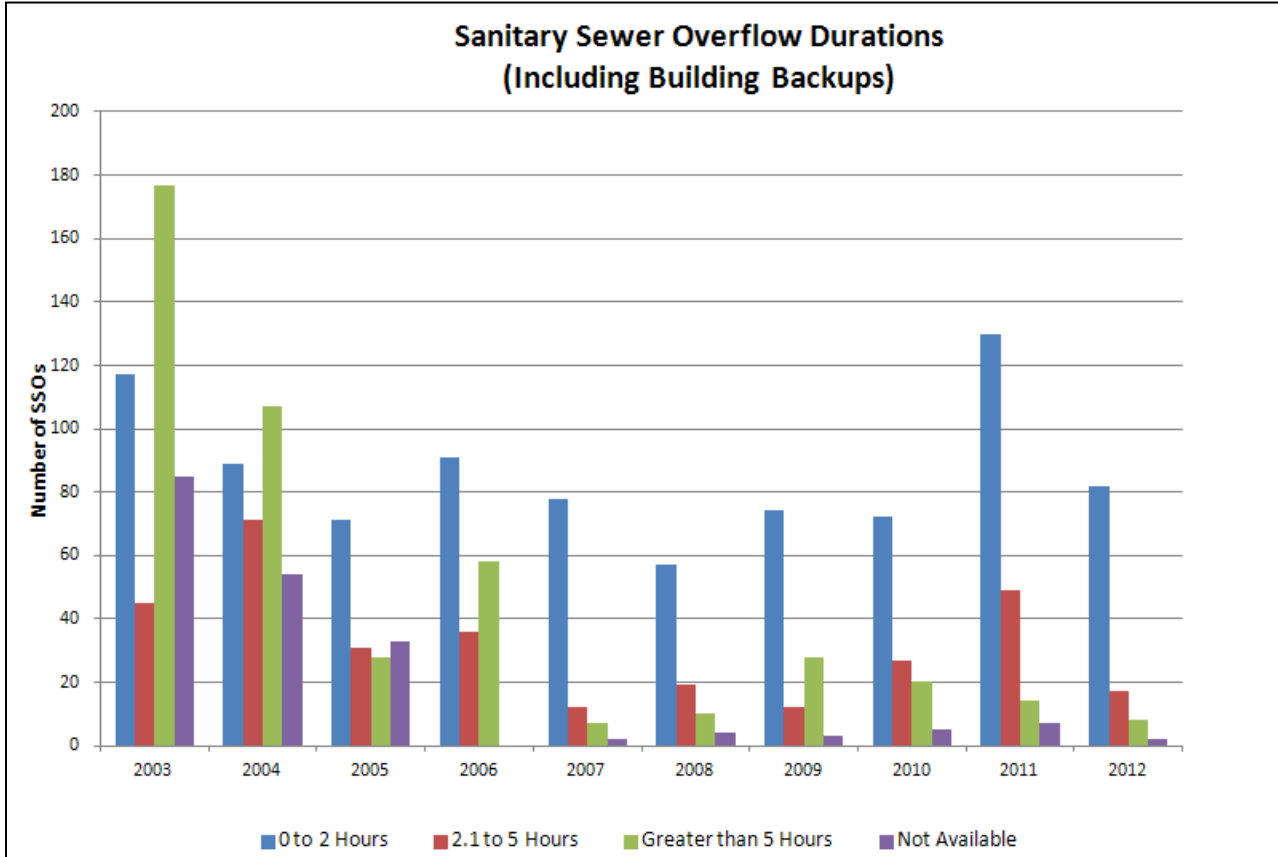
Greater than 10,000 gallons

These volumes are normally associated with rainfall-related events. The trend from 2003–2004 is similar to the previous categories. The number of events decreased significantly in 2005, however, due in part to a lower than average amount of rainfall as well as significant improvement projects in areas of chronic wet-weather overflows. The increase from 2005 to 2006 can be attributed to the significant three-day event in September 2006. The dramatic decrease in volumes for 2007 and 2008 can be directly correlated to the weather conditions and the use of four storage facilities. The increase in 2009, 2010, and 2011 can be related to the increase in rainfall totals, but the volumes were still substantially reduced by the use of the storage tanks. As mentioned before, the use of the Lower Third Creek and Second Creek storage tanks beginning in June 2011 helped significantly reduce SSO volumes in 2012, especially during the September Force Majeure rain event. Thirteen SSOs and building backups fell into this category in 2012, and out of those, eight fell within the Force Majeure rain event.

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 two cases in 2012 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.

Figure 5



Sanitary Sewer Overflow Durations

Figure 5 represents the SSO durations between 2003 and 2012. 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

This duration range is typically associated with blockage-related events. This category shows a slight increase in 2006 and again in 2009 tracking with rainfall events. Durations decreased in 2007 and 2008. With this category having the highest number of events from 2005 to 2012, the increased response time directed by the SORP is evident. The 2012 Annual MOM Progress Report showed that our average response time for SSOs was 34 minutes. Seventy-five percent of SSOs and building backups in 2012 fell within this range. KUB currently has 17 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 to a high of 71 in 2004. However, the overall average since 2006 has decreased by about 50 percent relative to the average in the previous four years and shows KUB improved response to reduce the duration and volume of SSOs within our system. Only 17 occurrences from 2012 fell within this category.

Greater than 5 hours

These durations are typically associated with rainfall events. This duration range represented the largest number of events from 2003 to 2004. The lowest annual number of occurrences was seven in 2007, and the highest was 177 in 2003. The number of occurrences in this category increased from 2005 to 2006 due to the significant three-day event in September 2006. The number of occurrences dropped significantly in 2007, but increased slightly in 2008. An increase similar to that seen in 2006 was apparent again in 2009–2011, given the rainfall conditions; however, the additional collection system work and storage tanks helped to decrease these occurrences in 2012 to eight.

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 two cases in 2012 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.

Appendix A

Unpermitted Discharges Subject to Stipulated Penalties

2012 Unpermitted Discharge Data and Analysis

Appendix A lists any SSO in 2012 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	1
Vandalism	0
3-day rainfall > 4 in.	0
1-day rainfall > 3 in.	8
Intensity > 0.84 in/hr	1
501 gal <Vol <1000 gal	1
Vol < 500 gal.	8
Total	19

There was a 61.5 percent decline in unpermitted discharges from 2011 (65) to 2012 (25). Nineteen of the 25 total unpermitted discharges in 2012 fell within one of the categories listed above. Forty-two percent of the unpermitted discharges fell under the “Vol < 500 gal” category, which can be attributed to KUB’s efforts in meeting the Sewer Overflow Response Plan’s goal of responding to overflows in under 45 minutes. As previously mentioned, KUB’s average response time to overflows in 2012 was 34 minutes.

Beginning on September 17, 2012, the Knoxville area experienced a significant 24-hour rainfall event that caused substantial flooding. The majority of our service area received almost six inches that began in the morning on September 17, 2012, and extended through the next 24 hours. These gauges also revealed that the heaviest rainfall fell in the last few hours of the storm after the ground and streams had already received over three inches of rain. During this time, rain intensities reached 1.4 inches per hour in some locations early in the morning on September 18, 2012. Historical data from the National Weather Service (NWS) shows this event was a 50-year return period storm. All eight unpermitted discharges listed in Figure 7 under the “1-day rainfall > 3 in.” category occurred during this rain event. KUB requested the September 17–18, 2012 storm event be recognized as a Force Majeure event in a letter to the EPA on October 5, 2012.

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. KUB is ahead of schedule and has already assessed over 76 percent of its gravity collection system. Rehabilitation or replacements have occurred in almost 17 percent of the system to aggressively eliminate SSOs and unpermitted discharges. The emphasis on Management, Operation, and Maintenance (MOM) program efforts, as described in the recently submitted 2012 MOM Progress Report, is also a major contributor to this decline and will continue to be important to further reduce dry-weather related events.

Appendix A										
Unpermitted Discharges in 2012										
	8	Overflow volume of 500 gallons or less		8	1-day rainfall > 3"					
	1	Overflow volume of 501 - 1000 gallons		0	3-day rainfall > 4"					
	0	Vandalism		1	Intensity > 0.84 in/hr					
	1	Electrical or mechanical failure								
Reporting				Unrecovered	Receiving		Rainfall Totals			Force Majeure
Period	Date	Location	Event	Volume (Gal.)	Stream	Cause	1-Day*	3-Day**	Peak Rainfall Intensity (in/hr)	event
1st 2012	1/23/2012	1216 Watercress Drive	Unpermitted Discharge	1,000	First Creek	Heavy Rainfall	1.27	2.16	0.49	No
1st 2012	1/23/2012	1500 Lyons Bend Road	Unpermitted Discharge	40,000	Fourth Creek	Heavy Rainfall	1.27	2.16	0.49	No
1st 2012	1/24/2012	3741 Eakers Street	Unpermitted Discharge	Unknown	Baker Creek	Heavy Rainfall	0	1.27		No
1st 2012	2/8/2012	736 Greenmeadows Drive	Unpermitted Discharge	250	Knob Creek	Blockage	0	0		No
1st 2012	3/7/2012	1500 Lyons Bend Road	Unpermitted Discharge	97,300	Fourth Creek	Electrical Failure	0	0		No
2nd 2012	4/5/2012	1216 Watercress Drive	Unpermitted Discharge	200	First Creek	Heavy Rainfall	0.96	1.44	0.55	No
2nd 2012	4/9/2012	5603 Summer Grove Lane	Unpermitted Discharge	100	Grassy Creek	Blockage	0	0		No
2nd 2012	5/12/2012	403 West Oldham Avenue	Unpermitted Discharge	47,000	Second Creek	Broken Gravity Main	0	0		No
2nd 2012	5/14/2012	1216 Watercress Drive	Unpermitted Discharge	100	First Creek	Heavy Rainfall	1.61	2.18	0.53	No
2nd 2012	5/25/2012	4601 Seminole Road	Unpermitted Discharge	1,800	First Creek	Blockage	0	0.27	0.3	No
3rd 2012	7/18/2012	1216 Watercress Drive	Unpermitted Discharge	400	First Creek	Construction Failure	0.23	0.23	0.65	No
3rd 2012	7/20/2012	516 N Beaman Street	Unpermitted Discharge	Unknown	Chilhowee Park Lake	Heavy Rainfall	1.72	1.95	2.06	No
3rd 2012	8/17/2012	524 Ben Hur Avenue	Unpermitted Discharge	60	Williams Creek	Blockage	0.04	0.2	0.49	No
3rd 2012	9/18/2012	2004 Riverside Drive	Unpermitted Discharge	200,000	Williams Creek	Heavy Rainfall	3.43	5.80	1.49	Yes
3rd 2012	9/18/2012	517 Bernard Avenue	Unpermitted Discharge	120,000	Second Creek	Heavy Rainfall	3.43	5.80	1.49	Yes
3rd 2012	9/18/2012	6410 S Northshore Drive	Unpermitted Discharge	40,000	Fourth Creek	Heavy Rainfall	3.43	5.80	1.49	Yes
3rd 2012	9/18/2012	1500 Lyons Bend Road	Unpermitted Discharge	1,823,600	Fourth Creek	Electrical Failure	3.43	5.80	1.49	Yes
3rd 2012	9/18/2012	5760 Sandis Lane	Unpermitted Discharge	1,000,800	Loves Creek	Electrical Failure	3.43	5.80	1.49	No
3rd 2012	9/18/2012	1309 Adair Drive	Unpermitted Discharge	2,000	First Creek	Heavy Rainfall	3.43	5.80	1.49	Yes
3rd 2012	9/18/2012	2004 Neyland Drive	Unpermitted Discharge	100,000	Tennessee River	Heavy Rainfall	3.43	5.80	1.49	No
3rd 2012	9/18/2012	5915 Neubert Springs Road	Unpermitted Discharge	90,000	Knob Creek	Mechanical Failure	3.43	5.80	1.49	Yes
4th 2012	11/5/2012	4923 Ball Road	Unpermitted Discharge	28,500	Grassy Creek	Broken Force Main	0	0.07	0.10	No
4th 2012	11/26/2012	5016 Wilford Road	Unpermitted Discharge	500	Second Creek	Construction Failure	0.10	0.11	0.12	No
4th 2012	12/9/2012	1814 E. Glenwood Avenue	Unpermitted Discharge	410	First Creek	Blockage	0.07	0.20	0.42	No
4th 2012	12/20/2012	3006 Coram Street	Unpermitted Discharge	1,150	Second Creek	Blockage	0.78	0.81	0.41	No
*1-Day Rainfall Total is the rain that occurred on the day of the SSO										
**3-Day Rainfall Total is the total amount of rain that occurred on the day of the SSO and the the 2 days prior										

2003-2012 SSOER with Building Backups

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
1/24/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box		Heavy rainfall in the area resulted in high flows in the collection system.	1,000,000	20.5	✓	Future Construction Planned	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	✓	Future Construction Planned	N/A	N/A
3/17/02	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Future Construction 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	✓	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	✓	N/A	Repair Completed	N/A
3/18/02	2600	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
3/18/02	1500	LYONS BEND ROAD	FC	Fourth Creek	37	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
4/19/02	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Mechanical Failure. Plant was reinstated.	569,000	2	✓	N/A	Repair Completed	N/A
5/3/02	2600	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
6/6/02	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		WWTP - Electrical Failure. Electricity was restored.	38,000	0.25	✓	Future Construction Planned	N/A	N/A
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
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
8/29/02	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	10	2		N/A	Repair Completed	N/A
9/5/02	7712	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
9/21/02	2600	WOODSON DRIVE	KUW	South Knoxville	44	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
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	✓	Future Construction 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	✓	Future Construction 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	✓	Future Construction Planned	N/A	N/A
10/3/02	600	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
10/4/02	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	6000	1	✓	Construction Completed	Repair Completed	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
12/5/02	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	18,000	12	✓	Construction Completed	N/A	N/A
2/14/03	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	16,500	22	✓	Construction Completed	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	✓	Future Construction 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	✓	Future Construction Planned	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	✓	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	✓	Future Construction Planned	N/A	N/A
2/16/03	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	180	2	✓	Construction Completed	N/A	N/A
2/16/03	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	871,000	6	✓	Construction Underway	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.	12,120,000	18	✓	Future Construction Planned	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.	1,480,000	7	✓	Future Construction Planned	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 Underway	BA	12 Months
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	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		Future Construction Planned	BA	12 Months
2/22/03	2600	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
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	✓	Future Construction Planned	N/A	N/A
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
2/27/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1890	21	✓	Construction Completed	N/A	N/A
3/8/03	4411	CYPRESS LANE	KUW	South Knoxville	39	MH 62-21		Blockage - Roots. The sewer main was flushed & area was cleaned.	1440	8		N/A	BA	12 Months
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
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	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	✓	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	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	N/A	N/A
4/10/03	2600	WOODSON DRIVE	KUW	South Knoxville	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
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	✓	Future Construction Planned	N/A	N/A
5/5/03	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	3300	550	✓	Construction Completed	N/A	N/A
5/5/03	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 Construction Planned	N/A	N/A
5/6/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	49,875	66.5	✓	Construction Completed	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
5/6/03	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	✓	Future Construction Planned	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	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	300	1.5	✓	Construction Completed	N/A	N/A
5/15/03	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	1,500,000	3	✓	Construction Underway	N/A	N/A
7/2/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	14,440	24	✓	Construction Completed	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	✓	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	43	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	✓	Construction Completed	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	✓	Future Construction Planned	N/A	N/A
11/19/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1920	8	✓	Construction Completed	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	✓	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	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	13,500	18	✓	Construction Completed	BA	12 Months
2/6/04	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	6660	18.5	✓	Future Construction Planned	BA	12 Months
2/6/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	6050	23.5	✓	Construction Completed	N/A	N/A
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	✓	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
3/6/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1680	3.5	✓	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	✓	Construction Completed	N/A	N/A
5/31/04	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	2400	1		Construction Completed	N/A	N/A
6/17/04	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	4675	4	✓	Construction 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
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.	N/A	N/A	✓	Construction Completed	BA	12 Months
6/25/04	1210	E MOODY AVENUE	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
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
6/27/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	240	4	✓	Construction Completed	N/A	N/A
7/27/04	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	✓	Construction Completed	N/A	N/A
9/10/04	409	N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Blockage - Grease. The sewer main was flushed & area was cleaned.	180	1	✓	Construction Completed	BA/Grease Control	1 Month
9/17/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	31,680	22	✓	Construction Completed	N/A	N/A
9/20/04	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	561	5	✓	Construction Completed	BA	12 Months

005462

2003-2012 SSOER with Building Backups

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
9/22/04	1500	LYONS BEND ROAD	FC	Fourth Creek	37	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	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	✓	Construction Completed	BA	12 Months
11/24/04	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Blockage - Grease. The sewer main was flushed & area was cleaned.	3960	8.25		Construction Underway	BA/Grease Control	6 Months
11/24/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	6480	12	✓	Construction Completed	N/A	N/A
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	✓	Construction Underway	N/A	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		N/A	Repair Completed	N/A
12/1/04	4713	OLD BROADWAY	KUW	First Creek	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	600	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	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	✓	Construction Completed	BA	12 Months
12/7/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	390,240	24	✓	Construction Completed	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	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
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
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	✓	Construction Completed	N/A	N/A
12/9/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	189,000	70	✓	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	✓	Construction Underway	N/A	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
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
2/15/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester		WWTP Process Failure. WWTP process was reinstated & the area was cleaned.	5500	0.5		Future Construction Planned	N/A	N/A
2/21/05	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	260000	20	✓	Construction Completed	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		Future Construction Planned	N/A	N/A
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
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	✓	Construction Underway	N/A	N/A
4/2/05	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	7,200	20	✓	Construction Completed	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		Future Construction Planned	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	✓	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.	5,610	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
6/10/05	7661	BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Pump Station - Mechanical Failure due to lightning strike. Station was repaired & the area was cleaned.	2,880	1		N/A	Repair Completed	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	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
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	✓	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	✓	Construction Completed	BA	1 Month
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	First Creek	7	MH 2		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	14025	1	✓	Construction Completed	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	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	20196	12	✓	Construction Completed	BA	12 Months
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	✓	Construction Completed	N/A	N/A
4/21/06	4411	CYPRESS LANE	KUW	South Knoxville	39	MH 62-21		Blockage - Roots and Debris. The sewer main was flushed & area was cleaned.	225	3		N/A	BA	3 Months
4/22/06	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	89670	12	✓	Construction Completed	BA	12 Months
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	✓	Construction Completed	N/A	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
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
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	7112	SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	4320	8		Construction Completed	BA	6 Months
9/23/06	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	1440	6		Construction Underway	BA	6 Months
9/23/06	4600	UPCHURCH ROAD	KUW	First Creek	7	MH 45		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	360	2		Construction Underway	BA	12 Months
9/23/06	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	8640	6	✓	Construction Completed	N/A	N/A
9/23/06	3741	EAKERS STREET	KUW	South Knoxville	40	MHs 47 & 47-103		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	10560	8		Construction Completed	N/A	N/A
9/23/06	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	9000	5		Construction Completed	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
9/24/06	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	197712	6	✓	Construction Completed	BA	12 Months
9/24/06	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	3310000	5	✓	Construction Completed	N/A	N/A
9/25/06	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	2160	6		Future Construction Planned	BA	12 Months
9/25/06	6410	S NORTSHORE DRIVE	FC	Fourth Creek	37	MH 8		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	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	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
11/1/06	304	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
11/1/06	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	720	4	✓	Construction 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 Construction Planned	N/A	N/A
1/8/07	302	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	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Ruptured Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10,600	1		Future Construction Planned	Repair Complete	N/A
3/3/07	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		WWTP - Electrical Failure. Electricity was restored.	1,170,000	1.5	✓	Future Construction Planned	Repair Completed	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 Complete	N/A
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

2003-2012 SSOER with Building Backups

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
8/19/07	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	1,440	2	✓	Construction Completed	N/A	N/A
9/24/07	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	4,500	1.5		Construction Completed	Repair Complete	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 Underway	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 and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	15	1		N/A	Repair Completed	N/A
3/25/08	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		Grinder Pump Failure. Pump was repaired & the area was cleaned.	14	2		N/A	Repair Completed	N/A
5/6/08	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103		Blockage - Debris. The sewer main was flushed & area was cleaned.	115	0.25		N/A	BA	6 Months
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
5/28/08	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	16	0.5		Future Construction Planned	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		N/A	Repair Completed	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		N/A	Repair Completed	N/A
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	✓	Construction Completed	Repair Completed	N/A
7/30/08	5405	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
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
9/4/08	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Broken Pipe		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 Pipe		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	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1,100	4		Construction Completed	N/A	N/A
12/11/08	7112	SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Heavy rainfall in the area resulted in high flows in the collection system.	62	1		Construction Completed	BA	6 Months
12/11/08	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	65	1		Construction Underway	BA	6 Months
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	24		Construction Completed	BA	6 Months
1/6/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		Blockage - Debris. The sewer main was flushed & area was cleaned.	15,000	14.75	✓	N/A	BA	6 Months
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	1210	E MOODY AVENUE	KUW	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
1/6/09	5011	KINGSTON PIKE	KUW	Third Creek	34	MH 58		Heavy rainfall in the area resulted in high flows in the collection system.	5,600	11		Construction Completed	N/A	N/A
1/6/09	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4,39-44,39-45 & 2 Lateral Cleanouts		Heavy rainfall in the area resulted in high flows in the collection system.	22,475	11	✓	Construction 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
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
1/6/09	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	6,100	12	✓	Future Construction Planned	N/A	N/A
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	✓	Future Construction Planned	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	5315	SHANNONDALE ROAD	KUW	First Creek	1	MH 36		Blockage - Roots. The sewer main was flushed & area was cleaned.	5,040	14		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	✓	Construction Completed	N/A	N/A
1/10/09	5007	ROWAN ROAD	KUW	Second Creek	5	MH 17-47		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,080	2		N/A	BA	3 Months
1/11/09	1110	CLINCH AVENUE	KUW	Second Creek	23	Undesignated MH		Blockage - Roots. The sewer main was flushed & area was cleaned.	75	2		N/A	BA	6 Months
1/12/09	7105	DULANEY WAY	FC	Fourth Creek	36	MH 12-86		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,780	3.5		N/A	BA	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	First Creek	24	MH 29-2		Blockage - Debris. The sewer main was flushed & area was cleaned.	765	1.5		N/A	BA	12 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	✓	Construction Completed	N/A	N/A
2/7/09	3853	CLUSTER AVENUE	LC	Loves Creek	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	Third Creek	13	Lateral Cleanout		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	750	1	✓	N/A	BA/Grease Control	3 Months
2/18/09	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	190	0.25		Construction Completed	N/A	N/A
2/20/09	117	SIXTEENTH AVENUE	KUW	Second Creek	23	MH 21-33		Blockage - Grease. The sewer main was flushed & area was cleaned.	255	1		N/A	BA/Grease Control	6 Months
2/21/09	5534	JACKSBORO PIKE	KUW	First Creek	3	Broken Pipe		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	Third Creek	13	MH 43 and Lateral Cleanout		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	250	0.5	✓	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	First Creek	16	Lateral Cleanout and BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	13	0.5		N/A	BA	6 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		Construction Failure - Unconnected Private Sewer Main. Private sewer main was reconnected & the area was cleaned.	Unknown	Unknown		Construction Completed	N/A	N/A
3/26/09	6024	BROOKVALE LANE	FC	Fourth Creek	33	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	90	1		Construction Completed	N/A	N/A
3/26/09	1925	ROSEWOOD ROAD	LC	Loves Creek	105	Commercial Grinder Pump and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5		N/A	Repair Completed	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
4/16/09	5032	LYONS VIEW PIKE	KUW	Third Creek	34	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	510	6.5		N/A	Repair Completed	N/A
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
5/7/09	4419	MCCAMPBELL LANE	KUW	First Creek	2	MH 43-64		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	270	1.5		N/A	N/A	N/A
5/8/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	540	1.5	✓	Construction Completed	N/A	N/A
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
5/10/09	3560	TALAHI DRIVE	KUW	Third Creek	38	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	140	1		N/A	BA	12 Months
5/15/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	22	1	✓	N/A	BA	6 Months
5/25/09	1800	MIDDLEBROOK PIKE	KUW	Third Creek	29	MH 38		Blockage - Grease. The sewer main was flushed & area was cleaned.	162	1		N/A	BA/Grease Control	3 Months
6/5/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	3,990	4	✓	Construction Completed	N/A	N/A
6/6/09	2501	FERNBANK ROAD	LC	Loves Creek	105	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	44	4		N/A	BA/Grease Control	6 Months
6/12/09	4300	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	30	1		N/A	Repair Completed	N/A
6/13/09	835	FARRAGUT AVENUE	KUW	First Creek	16	MH 24-45		Blockage - Debris. The sewer main was flushed & area was cleaned.	54	0.5		N/A	N/A	N/A
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
6/17/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	51,771	3	✓	Construction Completed	N/A	N/A
6/18/09	2303	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-5		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area 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
6/24/09	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103 and Lateral 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	KUW	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
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	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	254	1	✓	Construction Completed	N/A	N/A
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
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
7/23/09	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
7/23/09	5212	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	741	504 Intermittently		N/A	Repair Completed	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	40	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	40	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	40	0.5	✓	Construction Completed	N/A	N/A
8/6/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	224	0.5	✓	Construction Completed	N/A	N/A
8/11/09	4502	MILLERTOWN PIKE	LC	Loves Creek	6	Lateral Cleanout		Construction Failure - Dig-In. Lateral was repaired & the area was cleaned.	137	72 Intermittently		N/A	Repair Completed	N/A
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	N/A	N/A

2003-2012 SSOER with Building Backups

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
8/12/09	5745	SANDIS LANE	LC	Loves Creek	20	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	5,240	1		N/A	Repair Completed	N/A
8/17/09	119	W GLENWOOD AVENUE	KUW	First Creek	17	Subsurface		Blockage - Grease. The sewer main was flushed & area was cleaned.	900	8 Intermittently		Construction Underway	BA/Grease Control	6 Months
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	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	1,780	3	✓	Construction Completed	N/A	N/A
9/26/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	350	1	✓	Construction Completed	N/A	N/A
9/26/09	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	3	✓	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	✓	Construction Completed	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
9/29/09	8012	W CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-7		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	65	1		N/A	BA/Grease Control	6 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		Construction Completed	N/A	N/A
10/16/09	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 33		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	700	1.5	✓	Construction Completed	N/A	N/A
10/20/09	850	TALLY HO DRIVE	KUW	South Knoxville	39	MH 62-21		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,870	2		N/A	BA	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
10/30/09	1408	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	601	S CONCORD STREET	KUW	Third Creek	29	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
12/9/09	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
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 Complete	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
12/12/09	5227	MCNUTT ROAD	KUW	Knob Creek	41	MH 96		Blockage - Unknown. The sewer main was flushed & area was cleaned.	1,061	1		Future Construction Planned	BA	6 Months
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	✓	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	3410	BORIGHT DRIVE	KUW	First Creek	8	MHs 42 & 43		Blockage - Grease. The sewer main was flushed & area was cleaned.	3,310	6	✓	Future Construction Planned	BA/Grease Control	6 Months
1/6/10	905	KERMIT DRIVE	KUW	Second Creek	5	MH 4-36		Blockage - Grease. The sewer main was flushed & area was cleaned.	1080	1.5		N/A	BA	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	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	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
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
1/24/10	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	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	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
1/25/10	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	✓	Construction Completed	N/A	N/A
1/25/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	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	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	5546	WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	5	1		Future Construction Planned	N/A	N/A
1/25/10	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	NA	NA
1/25/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	NA	NA
1/25/10	6621	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
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	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 Underway	BA	6 Months
1/27/10	4611	KINGSTON PIKE	KUW	Third Creek	34	Broken Sewer Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1,000	1		N/A	Repair Completed	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		Future Construction Planned	BA	12 Months
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	✓	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	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	2430	HIGHLAND DRIVE	KUW	First Creek	4	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	2290	1.5		N/A	BA	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	7104	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 34		Heavy rainfall in the area resulted in high flows in the collection system.	51015	71	✓	Construction Completed	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	✓	Construction Completed	Repair Completed	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		Construction Completed	N/A	N/A
2/14/10	302	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
2/15/10	100	THIRTEENTH STREET	KUW	Second Creek	23	Broken Sewer		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 NORTSHORE 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 Sewer		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	955	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
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.	Unknown	Unknown		Construction Completed	N/A	N/A
3/12/10	4804	BAY STREET	KUW	Third Creek	13	MH 34-31		Blockage - Debris. The sewer main was flushed & area was cleaned.	230	1		N/A	BA	12 Months
3/17/10	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.	530	0.5		N/A	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.	20,825	168 Intermittently		N/A	BA	6 Months
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
3/19/10	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
3/23/10	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	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	3	✓	N/A	Repair Completed	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	N/A	N/A
4/17/10	5105	BALL ROAD	KUW	Third Creek	49	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	72675	2		N/A	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
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
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	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	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	750	5	✓	Construction Completed	NA	NA
5/3/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	450	2.5	✓	Construction Completed	NA	NA

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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
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
5/6/10	5246	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
5/12/10	4509	LONDON DRIVE	KUW	Third Creek	11	MH 11-229		Blockage - Grease. The sewer main was flushed & area was cleaned.	50	1		N/A	BA/Grease Control	6 Months
5/16/10	3628	LUCINDA DRIVE	KUW	First Creek	3	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	18	2		N/A	BA	6 Months
5/19/10	1401	CASELL DRIVE	KUW	Second Creek	10	MH 14-103		Blockage - Debris. The sewer main was flushed & area was cleaned.	540	1.5	✓	N/A	BA	6 Months
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		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	1312	CASELL DRIVE	KUW	Second Creek	10	MH 14-101		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	1	✓	N/A	BA	6 Months
6/10/10	6310	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
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	✓	N/A	Repair Completed	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	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 Underway	BA	3 Months
7/5/10	3808	W BLOUNT AVENUE	KUW	South Knoxville	39	Broken Sewer Lateral		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	13000	24		N/A	Repair Completed	NA
7/11/10	415	FORESTAL DRIVE	KUW	First Creek	8	MH 7-91		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	2		N/A	BA	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	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	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
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
8/3/10	2636	MARYVILLE PIKE	KUW	South Knoxville	45	MH 10-2		Vandalism - Bypass Pump Vandalized. Pump was repaired & the area was cleaned.	60	0.15		NA	Repair Completed	NA
8/3/10	2641	MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	4		NA	Pump was repaired	NA
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		NA	BA	6 Months
8/12/10	4351	FALCONITE WAY	KUW	Third Creek	13	MH 10		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	7500	24		N/A	Repair Completed	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	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
8/16/10	1104	MCCALLA AVENUE	KUW	First Creek	24	MH 11-1		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1000	2		N/A	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	✓	Construction Completed	Repair Completed	N/A
8/27/10	1700	EVENING SHADE LANE	FC	Fourth Creek	37	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10	3		N/A	Repair Completed	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.	15	1	✓	N/A	Repair Completed	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	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	1000	1	✓	Construction Completed	N/A	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 Underway	N/A	N/A
9/12/10	5915	NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	Unnamed Manhole at Facility		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	294000	3.5	✓	Construction Underway	N/A	N/A
9/26/10	906	BATHURST ROAD	FC	Fourth Creek	32	MH 4-23		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	1		Construction Completed	BA	12 Months
10/25/10	4509	PAPERMILL DRIVE	KUW	Third Creek	28	MH 31		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	✓	N/A	Repair Completed	N/A
11/30/10	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		Construction Completed	BA	12 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
11/30/10	3410	BORIGHT DRIVE	KUW	First Creek	8	MHs 45, 44, 43, 42, 41, 40 and 39		Heavy rainfall in the area resulted in high flows in the collection system.	12750	8	✓	Future Construction Planned	BA	6 Months
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 Underway	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	NA	NA
12/1/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	4700	3	✓	Construction Completed	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
12/1/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	1500	3		Construction Completed	NA	NA
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	✓	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 Underway	BA	6 Months
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
12/13/10	5332	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	30	4		N/A	Repair Completed	N/A
12/26/10	1725	LOVES CREEK ROAD	LC	Loves Creek	6	MH 48-3		Blockage - Debris. The sewer main was flushed & area was cleaned.	180	2		N/A	BA	6 Months
12/31/10	2204	HIGHLAND DRIVE	KUW	First Creek	4	Broken Sewer		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	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
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	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.	380,000	2.82	✓	Construction Underway	N/A	N/A
1/7/2011	2526	E FIFTH AVENUE	KUW	Williams Creek	19	Lateral Cleanouts at 2522, 2524, 2526 & 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 Manhole at Facility		Heavy rainfall in the area resulted in high flows in the collection system.	224,000	4.4	✓	Construction Underway	N/A	N/A
1/8/2011	2726	WILSON AVENUE	KUW	Williams Creek	19	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	KUW	Second Creek	10	MH 17-78		Blockage - Grease. The sewer main was flushed & area was cleaned.	300	1		N/A	BA/Grease Control	6 Months
1/20/2011	5405	GREEN VALLEY DRIVE	LC	Loves Creek	26	Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	20	0.5	✓	Construction Completed	N/A	N/A
1/24/2011	500	MIMOSA 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	Repair Completed	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
1/25/2011	5235	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Broken Gravity Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10	1		N/A	Repair Completed	N/A
1/26/2011	117	SIXTEENTH STREET	KUW	Second Creek	23	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
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	First Creek	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	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	6 Months
2/15/2011	6140	KIRBURY LANE	FC	Fourth Creek	33	MH 65-19		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	1		N/A	BA	12 Month
2/15/2011	3413	KINGSTON PIKE	KUW	Third Creek	29	Temporary Sewer Main		Construction Failure - A failed connection on a temporary system was repaired & the area was cleaned.	25	1		Construction Completed	N/A	N/A
2/16/2011	604	BEN HUR AVENUE	KUW	Williams Creek	25	Abandoned Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	500	1.5		N/A	BA	6 Months
2/16/2011	512	FLENNWOOD WAY	KUW	South Knoxville	39	MH 61		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	3,200	3		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
2/17/2011	850	TALLY HO DRIVE	KUW	South Knoxville	39	MH 62-21		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	150	1		N/A	BA/Grease Control	9 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
2/23/2011	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 Month
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	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
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	12 Months
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	✓	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		Construction Completed	N/A	N/A
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
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	1127	E MOODY AVENUE	KUW	South Knoxville	40	MH 40-3		Heavy rainfall in the area resulted in high flows in the collection system.	600	2		Construction Completed	N/A	N/A
2/28/2011	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	5,800,000	4	✓	Construction Completed	N/A	N/A

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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
2/28/2011	113	DRINNEN AVENUE	KUW	South Knoxville	39	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
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	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	✓	Future Construction Planned	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	N/A	N/A
2/28/2011	2640	MORGAN CIRCLE	KUW	Third Creek	35B	MH 4-19		Heavy rainfall in the area resulted in high flows in the collection system.	1,500	3		Future Construction Planned	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	923	OAKLETT DRIVE	KUW	Second Creek	5	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	9,000	1.5		Future Construction Planned	N/A	N/A
3/1/2011	5205	HAYNES-STERCHI ROAD	KUW	Second Creek	5	MH 35-4		Blockage - Debris. The sewer main was flushed & area was cleaned.	500	1		N/A	BA	3 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
3/1/2011	1940	OLD AMHERST ROAD	FC	Fourth Creek	27	MH 22-117		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		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	N/A	N/A
3/1/2011	1521	FAIRMONT BOULEVARD	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	N/A
3/1/2011	2415	TECOMA DRIVE	KUW	First Creek	8	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	60	3		Future Construction Planned	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		Future Construction Planned	N/A	N/A
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	✓	Future Construction Planned	N/A	N/A
3/2/2011	5508	GREEN VALLEY DRIVE	LC	Loves Creek	26	Broken Pipe		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	2,025	1	✓	Construction Completed	N/A	N/A
3/2/2011	3011	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
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 Underway	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	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
3/3/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	N/A	N/A
3/3/2011	4105	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-8		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Future Construction Planned	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.	200	1	✓	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	4420	ALTA VISTA WAY	KUW	Third Creek	38	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.	13,000	2		N/A	BA	12 Months
3/7/2011	6540	CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-4		Blockage - Debris. The sewer main was flushed & area was cleaned.	12,200	1		N/A	BA	12 Months
3/7/2011	243	GILBERT LANE	KUW	South Knoxville	40	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	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	✓	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	✓	Construction Completed	N/A	N/A
3/9/2011	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	160,000	2.38	✓	Construction Underway	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
3/10/2011	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	468,000	39	✓	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	2.5		N/A	BA/Grease Control	12 Months
3/12/2011	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
3/13/2011	1716	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
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	39	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	12	1		N/A	BA	6 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	✓	Future Construction Planned	N/A	N/A
3/24/2011	409	N BELLEMEADE AVENUE	KUW	Thirjd Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	300	1	✓	Construction Completed	N/A	N/A
3/29/2011	702	REDWINE STREET	KUW	South Knoxville	39	MH 5		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	100	0.25		N/A	Repair Completed	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	4228	CROSBY DRIVE	KUW	Third Creek	28	MH 27-3		Blockage - Roots. The sewer main was flushed & area was cleaned.	75	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
4/7/2011	3526	BUFFAT MILL ROAD	KUW	First Creek	18	MH 65-19 and BBU	BBU	Blockage - Roots. The sewer main was flushed & area was cleaned.	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	4421	ROYALVIEW ROAD	KUW	Third Creek	11	MH 11-157		Heavy rainfall in the area resulted in high flows in the collection system.	750	1		Construction Completed	N/A	N/A
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
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		Construction Completed	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.	#REF!	1	✓	Construction Completed	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
4/16/2011	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	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	350,000	2.82	✓	Construction Underway	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	2004	RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	2,000	1	✓	Future Construction Planned	N/A	N/A
4/16/2011	4100	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-9		Heavy rainfall in the area resulted in high flows in the collection system.	800	4	✓	Future Construction Planned	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	✓	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	✓	Future Construction Planned	N/A	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	✓	Future Construction Planned	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
4/18/2011	5546	WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Future Construction Planned	N/A	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
4/21/2011	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	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	✓	Construction Completed	N/A	N/A
4/28/2011	237	W SCOTT AVENUE	KUW	Second Creek	15	MH 9		Heavy rainfall in the area resulted in high flows in the collection system.	1,000	1		Construction Completed	N/A	N/A
4/28/2011	3741	EAKERS STREET	KUW	South Knoxville	40	MHs 47 & 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Completed	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
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	✓	Future Construction Planned	N/A	N/A
4/28/2011	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	5	1	✓	Future Construction 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	✓	Future Construction Planned	N/A	N/A
4/29/2011	6928	WESTLAND DRIVE	FC	Fourth Creek	36	Broken Gravity Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	57,000	2		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
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	N/A
5/9/2011	2639	LOUISE AVENUE	KUW	Williams Creek	19	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	5356	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
5/15/2011	5715	ELDRIDGE ROAD	KUW	First Creek	3	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	125	2		N/A	BA	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	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
6/6/2011	114	TILLERY DRIVE	KUW	Second Creek	10	MH 16-1		Broken System - Sag. The sewer main was repaired & the area was cleaned.	15,000	5		Construction Completed	N/A	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/Grease Control	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	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	200	0.16		Construction Completed	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
6/24/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Underway	N/A	N/A

2003-2012 SSOER with Building Backups

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
6/24/2011	3621	BORIGHT DRIVE	KUW	First Creek	8	MH 45		Heavy rainfall in the area resulted in high flows in the collection system.	400	3	✓	Future Construction Planned	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
6/25/2011	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
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
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	✓	Future Construction Planned	N/A	N/A
7/2/2011	5936	MONTINA ROAD	KUW	Third Creek	9	MHs 17-212 & 17-210		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,300	4		N/A	BA	12 Months
7/7/2011	800	GRAVES STREET	KUW	Williams Creek	25	MH 31		Blockage - Grease. The sewer main was flushed & area was cleaned.	500	1		N/A	BA/Grease Control	3 Months
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
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.	Unknown	Unknown		Construction Underway	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	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
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	Repair Completed	N/A
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		N/A	Repair Completed	N/A
8/4/2011	701	WORLDS FAIR PARK DRIVE	KUW	Second Creek	23	MH 19-9		Blockage - Debris. The sewer main was flushed & area was cleaned.	300	2		Construction Completed	N/A	N/A
8/11/2011	516	N BEAMAN STREET	LC	Loves Creek	20	MH 61-8		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.25		Construction Underway	BA	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/Grease Control	12 Months
8/22/2011	1134	FERD HICKEY ROAD	FC	Fourth Creek	32a	MH 30-39		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,000	2		N/A	BA	12 Months
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		N/A	Repair Completed	N/A
9/1/2011	6235	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
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 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	✓	Construction Underway	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 Underway	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
9/6/2011	6410	S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	13,000	1	✓	Construction Completed	N/A	N/A
9/7/2011	2111	MOHAWK AVENUE	KUW	Williams Creek	25	MH 4-2		Blockage - Grease. The sewer main was flushed & area was cleaned.	5,400	12		N/A	BA/Grease Control	12 Months
9/9/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	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
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
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	1915	LYONS BEND ROAD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	0.5		N/A	Repair Completed	N/A
10/17/2011	4304	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	1	0.25	✓	N/A	Repair Completed	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	409	N WINSTON ROAD	FC	Fourth Creek	32B	MH17-1		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	2		N/A	Repair Completed	N/A
11/5/2011	846	HANSMORE PLACE	FC	Fourth Creek	36	MH 3-325		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	3		N/A	BA	12 Months
11/6/2011	1708	PINETREE LANE	FC	Fourth Creek	32A	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	62,000	72 - Intermittently		N/A	BA	12 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
11/16/2011	1908	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	N/A	N/A
11/16/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	200	1	✓	Construction Underway	N/A	N/A
11/17/2011	1919	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
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	5405	LANCE DRIVE	KUW	Third Creek	21	MH 10-85		Blockage - Roots. The sewer main was flushed & area was cleaned.	300	3		N/A	BA	6 Months
11/23/2011	5525	LONAS DRVIE	FC	Fourth Creek	27	MH 9-21		Blockage - Grease. The sewer main was flushed & area was cleaned.	40	1		N/A	BA/Grease Control	6 Months
11/26/2011	2520	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	Repair Completed	N/A
11/28/2011	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	398,650	6.42	✓	Construction Underway	N/A	N/A
11/28/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	150	2	✓	Construction Underway	N/A	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
12/4/2011	520	CHEROKEE BOULEVARD	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
12/4/2011	3319	FOUNTAIN PARK BOULEVARD	KUW	First Creek	18	MH 72		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	325	4.5		N/A	BA/Grease Control	12 Months
12/10/2011	621	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
12/10/2011	5209	MURPHY ROAD	KUW	First Creek	2	Grinder Pump and BBU	BBU	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	30	2		N/A	Repair Completed	N/A
12/13/2011	1300	ALCOA HIGHWAY	KUW	Third Creek	35B	MH 18-3		Blockage - Debris. The sewer main was flushed & area was cleaned.	650	1		N/A	BA	12 Months
12/24/2011	5347	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
12/29/2011	300	E COLUMBIA AVENUE	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
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 Underway	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	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	✓	Construction Completed	Repair Completed	N/A
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		N/A	Repair Completed	N/A
1/23/2012	1908	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanouts at 1907, 1908, & 1909 Jefferson Ave		Heavy rainfall in the area resulted in high flows in the collection system.	150	0.5	✓	Construction Underway	N/A	N/A
1/23/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	40,000	0.08	✓	Construction Underway	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 Underway	N/A	N/A
1/23/2012	2848	LONDON CIRCLE	KUW	First Creek	18	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	750	4		N/A	Repair Completed	N/A
1/23/2012	3148	WILDERNESS ROAD	KUW	First Creek	18	MH 51 & 52		Heavy rainfall in the area resulted in high flows in the collection system.	3,000	4		N/A	Repair Completed	N/A
1/24/2012	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
1/25/2012	310	KENSI DRIVE	KUW	Second Creek	10	Lateral Cleanout & BBU at 312 Kensi Drive	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		Future Construction Planned	BA	6 Month
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 Month
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	7218	WASHINGTON PIKE	EB	Eastbridge	109	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	30	1.5		N/A	Repair Completed	N/A
2/7/2012	4505	MIDDLEBROOK PIKE	KUW	Third Creek	21	Dewatering Containment		Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.	150	0.1		N/A	Repair Completed	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 Month
2/8/2012	5760	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
2/9/2012	1613	WANDERING ROAD	KUW	Third Creek	13	MH 52-3		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	3		N/A	BA/Grease Control	12 Month
2/15/2012	1421	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 Month
2/23/2012	2715	MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	60	1		N/A	Repair Completed	N/A
2/28/2012	5356	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	1.5	✓	N/A	Repair Completed	N/A
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 Month
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	0.75		N/A	BA	9 Month
3/7/2012	620	WEST 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
3/7/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	97,300	0.45	✓	N/A	Repair Completed	N/A
3/9/2012	8537	ASHEVILLE HIGHWAY	EB	Eastbridge	72	MH 21-16		Blockage - Debris. The sewer main was flushed & area was cleaned.	400	2		N/A	BA	12 Month
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 Month
3/12/2012	1711	TRANSPORT WAY	LC	Loves Creek	105	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	1	0.25		N/A	Repair Completed	N/A
3/13/2012	929	KEOWEE AVENUE	KUW	Third Creek	38	Broken Pipe		Construction Failure by Customer - Dig-In. A section sewer main was repaired & the area was cleaned.	900	24		N/A	Repair Completed	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		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		N/A	Repair Completed	N/A
4/2/2012	1909	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	40	1	✓	Construction Underway	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	✓	Construction Underway	N/A	N/A
4/7/2012	1925	AILOR AVENUE	KUW	Third Creek	29	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1		N/A	BA	12 Month
4/7/2012	2304	WOODS CREEK ROAD	LC	Loves Creek	105	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A

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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
4/9/2012	5603	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 Month
4/28/2012	1816	STERCHI STREET	KUW	Third Creek	22	MH 11-44		Blockage - Debris. The sewer main was flushed & area was cleaned.	30	1		N/A	BA	6 Month
4/28/2012	6532	WESTSIDE DRIVE	FC	Fourth Creek	32a	MH 49-5		Vandalism. Blockage was removed & the area was cleaned.	66,000	5		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
5/10/2012	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 Month
5/12/2012	403	WEST OLDHAM AVENUE	KUW	Second Creek	15	Unnamed Manhole		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	47,000	4		N/A	Repair Completed	N/A
5/14/2012	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Underway	N/A	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 Underway	N/A	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
5/25/2012	4601	SEMINOLE ROAD	KUW	Third Creek	7	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,800	2	✓	Construction Underway	N/A	N/A
6/4/2012	5412	MAYWOOD ROAD	KUW	Third Creek	12	MHs 20-16 & 20-20		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	70	1		N/A	BA/Grease Control	6 Month
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	BA	12 Month
7/3/2012	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Wetwell		Blockage - Debris. The sewer main was flushed & area was cleaned.	1,800	1	✓	Construction Completed	N/A	N/A
7/8/2012	2111	MOHAWK AVENUE	KUW	Williams Creek	25	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
7/9/2012	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Wetwell		Blockage - Debris. The sewer main was flushed & area was cleaned.	50	1	✓	Construction Completed	N/A	N/A
7/9/2012	781	BAGWELL ROAD	LC	Loves Creek	63	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	125	2		N/A	Repair Completed	N/A
7/13/2012	914	PINEY GROVE CHURCH ROAD	FC	Fourth Creek	27	MH 49-110		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,800	3		N/A	BA	12 Month
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 Month
7/18/2012	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	400	1	✓	Construction Underway	N/A	N/A
7/20/2012	516	N BEAMAN STREET	LC	Loves Creek	20	MH 61-8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Underway	N/A	N/A
7/20/2012	1620	EDGEWOOD AVENUE	KUW	First Creek	16	Lateral Cleanout		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	1,000	1		N/A	Repair Completed	N/A
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 Month
8/17/2012	524	BEN HUR AVENUE	KUW	Williams Creek	25	Broken Lateral & BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Month
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	40	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	4300	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2	✓	Construction Completed	Repair Completed	N/A
9/17/2012	4600	CHAPMAN HIGHWAY	KUW	South Knoxville	39	MHs 81 & 82		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	4,900	6		N/A	Repair Completed	N/A
9/18/2012	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	2,000	3	✓	Construction Completed	N/A	N/A
9/18/2012	6410	S NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	40,000	2		Construction Completed	N/A	N/A
9/18/2012	1903	JEFFERSON AVENUE	KUW	First Creek	2	MH 25-18		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Underway	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 Underway	N/A	N/A
9/18/2012	2004	NEYLAND DRIVE	KUW	Second Creek	35a	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	100,000	0.25	✓	Future Construction Planned	N/A	N/A
9/18/2012	2004	RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	200,000	6		Future Construction Planned	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	5760	SANDIS LANE	LC	Loves Creek	20	MH 1		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 Inches of rainfall in 24 hour period.	1,000,800	2		N/A	Repair Completed	N/A
9/18/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 Inches of rainfall in 24 hour period.	1,823,600	8.5	✓	N/A	Repair Completed	N/A
9/18/2012	961	EAST FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 Inches of rainfall in 24 hour period.	97,500	2.5		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
9/19/2012	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	19	MH 5-240		Blockage - Grease. The sewer main was flushed & area was cleaned.	250	1		N/A	BA/Grease Control	12 Month
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	Repair Completed	N/A
9/28/2012	4205	DRIFTING DRIVE	KUW	Third Creek	13	MH 31-19		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	2		N/A	BA/Grease Control	12 Month
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 Month
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.	4	1.5	✓	N/A	Repair Completed	N/A
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		N/A	Repair Completed	N/A
10/15/2012	108	CARON DRIVE	KUW	Second Creek	5	MH 16-57		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,150	2		N/A	BA	6 Month
10/16/2012	1219	HILTON ROAD	KUW	Third Creek	21	MH 10-64		Blockage - Roots. The sewer main was flushed & area was cleaned.	400	1		N/A	BA	9 Month
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	1		Future Construction Planned	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 Month
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	Repair Completed	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
10/28/2012	4500	EAST END ROAD	KUW	South Knoxville	39	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	20	1		N/A	BA	12 Month
11/5/2012	4923	BALL ROAD	FC	Fourth Creek	49	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	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	460	4		N/A	Repair Completed	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.	4	1	✓	N/A	Repair Completed	N/A
11/15/2012	4517	N WAHLI DRIVE	KUW	First Creek	7	MH 39		Blockage - Roots. The sewer main was flushed & area was cleaned.	725	2		Construction Underway	BA	12 Month
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 Month
11/24/2012	7920	WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A
11/26/2012	5016	WILFORD ROAD	KUW	Second Creek	5	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	5032	LYONS VIEW PIKE	FC	Fourth Creek	37	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5	✓	N/A	Repair Completed	N/A
12/9/2012	1814	E GLENWOOD AVENUE	KUW	First Creek	24	MH 25-49		Blockage - Grease. The sewer main was flushed & area was cleaned.	410	3		Construction Underway	BA/Grease Control	6 Month
12/12/2012	5704	WAYNEWOOD ROAD	KUW	Second Creek	5	MH 16-22		Blockage - Roots. The sewer main was flushed & area was cleaned.	360	2		N/A	BA	9 Month
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 Month

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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
1/7/09	5315	SHANNONDALE ROAD	KUW	First Creek	1	MH 36		Blockage - Roots. The sewer main was flushed & area was cleaned.	5,040	14		N/A	BA	3 Months
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	✓	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
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		Construction Failure - Unconnected Private Sewer Main. Private sewer main was reconnected & the area was cleaned.	Unknown	Unknown		Construction Completed	N/A	N/A
5/7/09	4419	MCCAMPBELL LANE	KUW	First Creek	2	MH 43-64		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	270	1.5		N/A	N/A	N/A
8/29/02	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		Pump Station - Mechanical Failure. Station was reinstated & the area was cleaned.	10	2		N/A	Repair Completed	N/A
3/25/08	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		Grinder Pump Failure. Pump was repaired & the area was cleaned.	14	2		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
12/10/2011	5209	MURPHY ROAD	KUW	First Creek	2	Grinder Pump and BBU	BBU	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	30	2		N/A	Repair Completed	N/A
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 Month
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
1/6/09	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4, 39-44, 39-45 & 2 Lateral 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	12 Months
5/15/2011	5715	ELDRIDGE ROAD	KUW	First Creek	3	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	125	2		N/A	BA	12 Months
2/21/09	5534	JACKSBORO PIKE	KUW	First Creek	3	Broken Pipe		Construction Failure - There was a pipe separation at a temporary connection to the sewer main.	960	8		N/A	Repair Completed	N/A
5/16/10	3628	LUCINDA DRIVE	KUW	First Creek	3	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	18	2		N/A	BA	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	6 Months
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
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		Construction Completed	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 Underway	N/A	N/A
11/30/10	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		Construction Completed	BA	12 Months
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		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
12/31/10	2204	HIGHLAND DRIVE	KUW	First Creek	4	Broken Sewer		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	2430	HIGHLAND DRIVE	KUW	First Creek	4	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	2290	1.5		N/A	BA	6 Months
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
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
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
10/15/2012	108	CARON DRIVE	KUW	Second Creek	5	MH 16-57		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,150	2		N/A	BA	6 Month
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
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
3/1/2011	5205	HAYNES-STERCHI ROAD	KUW	Second Creek	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	5	MH 4-36		Blockage - Grease. The sewer main was flushed & area was cleaned.	1080	1.5		N/A	BA	6 Months
2/28/2011	923	OAKLETT DRIVE	KUW	Second Creek	5	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	9,000	1.5		Future Construction Planned	N/A	N/A
1/10/09	5007	ROWAN ROAD	KUW	Second Creek	5	MH 17-47		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,080	2		N/A	BA	3 Months
12/12/2012	5704	WAYNEWOOD ROAD	KUW	Second Creek	5	MH 16-22		Blockage - Roots. The sewer main was flushed & area was cleaned.	360	2		N/A	BA	9 Month
11/26/2012	5016	WILFORD ROAD	KUW	Second Creek	5	MH 2		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	750	1		N/A	Repair Completed	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
2/7/09	3853	CLUSTER AVENUE	LC	Loves Creek	6	MH 29-161		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	4		N/A	BA	6 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	1725	LOVES CREEK ROAD	LC	Loves Creek	6	MH 48-3		Blockage - Debris. The sewer main was flushed & area was cleaned.	180	2		N/A	BA	6 Months
8/11/09	4502	MILLERTOWN PIKE	LC	Loves Creek	6	Lateral Cleanout		Construction Failure - Dig-In. Lateral was repaired & the area was cleaned.	137	72 Intermittently		N/A	Repair Completed	N/A
2/21/10	5713	MILLERTOWN PIKE	LC	Loves Creek	6	Broken Sewer		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 Underway	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 Underway	N/A	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.	Unknown	Unknown		Construction Underway	N/A	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 Underway	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		Future Construction Planned	BA	12 Months
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	2		Construction Underway	BA	12 Month
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
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	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	13,500	18	✓	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.	N/A	N/A	✓	Construction Completed	BA	12 Months
9/20/04	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	561	5	✓	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	✓	Construction Completed	BA	12 Months
12/1/04	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	37,400	12	✓	Construction Completed	BA	12 Months
12/7/04	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	✓	Construction Completed	BA	12 Months
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
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
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	First Creek	7	MH 2		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	14025	1	✓	Construction Completed	BA	12 Months
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	✓	Construction Completed	BA	12 Months
4/22/06	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Heavy rainfall in the area resulted in high flows in the collection system.	89670	12	✓	Construction Completed	BA	12 Months
9/24/06	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	197712	6	✓	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	✓	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	✓	Future Construction Planned	N/A	N/A
5/25/2012	4601	SEMINOLE ROAD	KUW	Third Creek	7	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,800	2	✓	Construction Underway	N/A	N/A
9/23/06	4600	UPCHURCH ROAD	KUW	First Creek	7	MH 45		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	360	2		Construction Underway	BA	12 Months
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 Underway	BA	6 Months
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 Underway	N/A	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 Underway	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 Underway	BA	12 Months
11/24/04	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Blockage - Grease. The sewer main was flushed & area was cleaned.	3960	8.25		Construction Underway	BA/Grease Control	6 Months
9/23/06	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	1440	6		Construction Underway	BA	6 Months
12/11/08	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	65	1		Construction Underway	BA	6 Months
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 Underway	BA	6 Months
3/3/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	N/A	N/A
6/24/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Underway	N/A	N/A
9/9/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	N/A	N/A

2003-2012 SSOER with Building Backups

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
11/16/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	200	1	✓	Construction Underway	N/A	N/A
11/28/2011	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	150	2	✓	Construction Underway	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 Underway	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	✓	Construction Underway	N/A	N/A
5/14/2012	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Underway	N/A	N/A
7/18/2012	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	400	1	✓	Construction Underway	N/A	N/A
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	12 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	✓	Future Construction Planned	N/A	N/A
12/18/09	3410	BORIGHT DRIVE	KUW	First Creek	8	MHs 42 & 43		Blockage - Grease. The sewer main was flushed & area was cleaned.	3,310	6	✓	Future Construction Planned	BA/Grease Control	6 Months
11/30/10	3410	BORIGHT DRIVE	KUW	First Creek	8	MHs 45, 44, 43, 42, 41, 40 and 39		Heavy rainfall in the area resulted in high flows in the collection system.	12750	8	✓	Future Construction Planned	BA	6 Months
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	✓	Future Construction Planned	N/A	N/A
6/24/2011	3621	BORIGHT DRIVE	KUW	First Creek	8	MH 45		Heavy rainfall in the area resulted in high flows in the collection system.	400	3	✓	Future Construction Planned	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 Month
7/11/10	415	FORESTAL DRIVE	KUW	First Creek	8	MH 7-91		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	2		N/A	BA	6 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
3/1/2011	2415	TECOMA DRIVE	KUW	First Creek	8	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	60	3		Future Construction Planned	N/A	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
7/2/2011	5936	MONTINA ROAD	KUW	Third Creek	9	MHs 17-212 & 17-210		Blockage - Debris. The sewer main was flushed & area was cleaned.	3,300	4		N/A	BA	12 Months
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		Future Construction Planned	N/A	N/A
4/18/2011	5546	WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Future Construction Planned	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	✓	Future Construction Planned	N/A	N/A
5/23/10	1312	CASELL DRIVE	KUW	Second Creek	10	MH 14-101		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	1	✓	N/A	BA	6 Months
5/19/10	1401	CASELL DRIVE	KUW	Second Creek	10	MH 14-103		Blockage - Debris. The sewer main was flushed & area was cleaned.	540	1.5	✓	N/A	BA	6 Months
4/16/2011	4100	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-9		Heavy rainfall in the area resulted in high flows in the collection system.	800	4	✓	Future Construction Planned	N/A	N/A
3/3/2011	4105	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-8		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Future Construction Planned	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
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 Month
1/25/2012	310	KENSI DRIVE	KUW	Second Creek	10	Lateral Cleanout & BBU at 312 Kensi Drive	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		Future Construction Planned	BA	6 Month
1/12/2011	3922	NERVA ROAD	KUW	Second Creek	10	MH 17-78		Blockage - Grease. The sewer main was flushed & area was cleaned.	300	1		N/A	BA/Grease Control	6 Months
6/6/2011	114	TILLERY DRIVE	KUW	Second Creek	10	MH 16-1		Broken System - Sag. The sewer main was repaired & the area was cleaned.	15,000	5		Construction Completed	N/A	N/A
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
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
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
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
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	BA	12 Month
5/12/10	4509	LONDON DRIVE	KUW	Third Creek	11	MH 11-229		Blockage - Grease. The sewer main was flushed & area was cleaned.	50	1		N/A	BA/Grease Control	6 Months
4/16/2011	4421	ROYALVIEW ROAD	KUW	Third Creek	11	MH 11-157		Heavy rainfall in the area resulted in high flows in the collection system.	750	1		Construction Completed	N/A	N/A
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
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 Month
6/4/2012	5412	MAYWOOD ROAD	KUW	Third Creek	12	MHs 20-16 & 20-20		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	70	1		N/A	BA/Grease Control	6 Month
3/12/10	4804	BAY STREET	KUW	Third Creek	13	MH 34-31		Blockage - Debris. The sewer main was flushed & area was cleaned.	230	1		N/A	BA	12 Months
9/28/2012	4205	DRIFTING DRIVE	KUW	Third Creek	13	MH 31-19		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	2		N/A	BA/Grease Control	12 Month
8/12/10	4351	FALCONITE WAY	KUW	Third Creek	13	MH 10		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	7500	24		N/A	Repair Completed	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
2/13/09	4712	MOSS DRIVE	KUW	Third Creek	13	Lateral Cleanout		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	750	1	✓	N/A	BA/Grease Control	3 Months
3/4/09	4712	MOSS DRIVE	KUW	Third Creek	13	MH 43 and Lateral Cleanout		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	250	0.5	✓	N/A	BA/Grease Control	3 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
2/9/2012	1613	WANDERING ROAD	KUW	Third Creek	13	MH 52-3		Blockage - Grease. The sewer main was flushed & area was cleaned.	200	3		N/A	BA/Grease Control	12 Month
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 Month
6/5/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	3,990	4	✓	Construction Completed	N/A	N/A
9/26/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	350	1	✓	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	Unknown	✓	Construction Completed	N/A	N/A
1/25/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
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
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	✓	Construction Completed	N/A	N/A
12/1/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	4700	3	✓	Construction Completed	N/A	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
2/28/2011	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	5,800,000	4	✓	Construction Completed	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.	#REF!	1	✓	Construction Completed	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
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
12/29/2011	300	E COLUMBIA AVENUE	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	KUW	Second Creek	15	MH 9		Heavy rainfall in the area resulted in high flows in the collection system.	1,000	1		Construction Completed	N/A	N/A
5/12/2012	403	WEST OLDHAM AVENUE	KUW	Second Creek	15	Unnamed Manhole		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	47,000	4		N/A	Repair Completed	N/A
7/20/2012	1620	EDGEWOOD AVENUE	KUW	First Creek	16	Lateral Cleanout		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	1,000	1		N/A	Repair Completed	N/A
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	Repair Completed	N/A
3/1/2011	1521	FAIRMONT BOULEVARD	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	N/A
6/13/09	835	FARRAGUT AVENUE	KUW	First Creek	16	MH 24-45		Blockage - Debris. The sewer main was flushed & area was cleaned.	54	0.5		N/A	N/A	N/A
3/9/09	1000	OGLEWOOD AVENUE	KUW	First Creek	16	Lateral Cleanout and BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	13	0.5		N/A	BA	6 Months
8/17/09	119	W GLENWOOD AVENUE	KUW	First Creek	17	Subsurface		Blockage - Grease. The sewer main was flushed & area was cleaned.	900	8 Intermittently		Construction Underway	BA/Grease Control	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.	300	4		N/A	BA	12 Months
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
1/24/10	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.	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
3/9/2011	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
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	3319	FOUNTAIN PARK BOULEVARD	KUW	First Creek	18	MH 72		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	325	4.5		N/A	BA/Grease Control	12 Months
1/23/2012	2848	LONDON CIRCLE	KUW	First Creek	18	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	750	4		N/A	Repair Completed	N/A
2/15/2012	1421	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 Month
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

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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
1/8/07	302	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
2/6/04	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	6660	18.5	✓	Future Construction Planned	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
11/1/06	304	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
1/24/10	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
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.	200	1	✓	Future Construction Planned	N/A	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	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	5	1	✓	Future Construction Planned	N/A	N/A
6/25/2011	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
1/23/2012	3148	WILDERNESS ROAD	KUW	First Creek	18	MH 51 & 52		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	2526	E FIFTH AVENUE	KUW	Williams Creek	19	Lateral Cleanouts at 2522, 2524, 2526 & 2528 E. Fifth Avenue		Blockage - Grease. The sewer main was flushed & area was cleaned.	900	2		N/A	BA/Grease Control	12 Months
9/24/2012	2441	LINDEN AVENUE	KUW	Williams Creek	19	MH 5-240		Blockage - Grease. The sewer main was flushed & area was cleaned.	250	1		N/A	BA/Grease Control	12 Month
5/9/2011	2639	LOUISE AVENUE	KUW	Williams Creek	19	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
12/10/2011	621	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	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 Month
1/8/2011	2726	WILSON AVENUE	KUW	Williams Creek	19	MH 8-1		Blockage - Grease. The sewer main was flushed & area was cleaned.	760	1.5		N/A	BA/Grease Control	12 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		Construction Completed	N/A	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	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
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
2/14/10	302	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	516	N BEAMAN STREET	LC	Loves Creek	20	MH 61-8		Blockage - Roots. The sewer main was flushed & area was cleaned.	180	1		Construction Underway	BA	6 Months
8/11/2011	516	N BEAMAN STREET	LC	Loves Creek	20	MH 61-8		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.25		Construction Underway	BA	6 Months
7/20/2012	516	N BEAMAN STREET	LC	Loves Creek	20	MH 61-8		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Underway	N/A	N/A
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		Future Construction Planned	BA	12 Months
9/25/06	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & 1 and high flows in the sewer mains.	2160	6		Future Construction Planned	BA	12 Months
5/28/08	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	16	0.5		Future Construction Planned	N/A	N/A
1/6/09	203	S CHILHOWEE DRIVE	LC	Loves Creek	20	MH 25		Heavy rainfall in the area resulted in high flows in the collection system.	6,100	12	✓	Future Construction Planned	N/A	N/A
8/12/09	5745	SANDIS LANE	LC	Loves Creek	20	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	5,240	1		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	5760	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	5760	SANDIS LANE	LC	Loves Creek	20	MH 1		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 Inches of rainfall in 24 hour period.	1,000,800	2		N/A	Repair Completed	N/A
10/16/2012	1219	HILTON ROAD	KUW	Third Creek	21	MH 10-64		Blockage - Roots. The sewer main was flushed & area was cleaned.	400	1		N/A	BA	9 Month
7/30/08	5405	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	5405	LANCE DRIVE	KUW	Third Creek	21	MH 10-85		Blockage - Roots. The sewer main was flushed & area was cleaned.	300	3		N/A	BA	6 Months
6/26/09	4900	LANDBROOK DRIVE	KUW	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
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
2/7/2012	4505	MIDDLEBROOK PIKE	KUW	Third Creek	21	Dewatering Containment		Construction Failure - Dewatering Containment Failure. Containment reinstated & the area was cleaned.	150	0.1		N/A	Repair Completed	N/A
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
3/10/10	955	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	2706	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	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
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	✓	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
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	6 Months
4/28/2012	1816	STERCHI STREET	KUW	Third Creek	22	MH 11-44		Blockage - Debris. The sewer main was flushed & area was cleaned.	30	1		N/A	BA	6 Month
11/17/2011	1919	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
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
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	6 Months
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
1/11/09	1110	CLINCH AVENUE	KUW	Second Creek	23	Undesignated MH		Blockage - Roots. The sewer main was flushed & area was cleaned.	75	2		N/A	BA	6 Months
2/20/09	117	SIXTEENTH AVENUE	KUW	Second Creek	23	MH 21-33		Blockage - Grease. The sewer main was flushed & area was cleaned.	255	1		N/A	BA/Grease Control	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/Grease Control	12 Months
1/26/2011	117	SIXTEENTH STREET	KUW	Second Creek	23	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	906	STEWART STREET	KUW	Second Creek	23	MH 35-56		Blockage - Debris. The sewer main was flushed & area was cleaned.	35	1		N/A	BA	6 Months
2/15/10	100	THIRTEENTH STREET	KUW	Second Creek	23	Broken Sewer		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	100	1		N/A	Repair Completed	N/A
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	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		Future Construction Planned	N/A	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/Grease Control	12 Months
8/4/2011	701	WORLDS FAIR PARK DRIVE	KUW	Second Creek	23	MH 19-9		Blockage - Debris. The sewer main was flushed & area was cleaned.	300	2		Construction Completed	N/A	N/A
1/29/09	1701	E FIFTH AVENUE	KUW	First Creek	24	MH 29-2		Blockage - Debris. The sewer main was flushed & area was cleaned.	765	1.5		N/A	BA	12 Months
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
12/9/2012	1814	E GLENWOOD AVENUE	KUW	First Creek	24	MH 25-49		Blockage - Grease. The sewer main was flushed & area was cleaned.	410	3		Construction Underway	BA/Grease Control	6 Month
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 Underway	N/A	N/A
9/18/2012	1903	JEFFERSON AVENUE	KUW	First Creek	24	MH 25-18		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Underway	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 Underway	N/A	N/A
11/16/2011	1908	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	50	1	✓	Construction Underway	N/A	N/A
1/23/2012	1908	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanouts at 1907, 1908, & 1909 Jefferson Ave		Heavy rainfall in the area resulted in high flows in the collection system.	150	0.5	✓	Construction Underway	N/A	N/A
4/2/2012	1909	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	40	1	✓	Construction Underway	N/A	N/A
3/17/10	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.	530	0.5		N/A	BA	6 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	6 Months
8/16/10	1104	MCCALLA AVENUE	KUW	First Creek	24	MH 11-1		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1000	2		N/A	Repair Completed	N/A
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	25	Broken Lateral & BBU	BBU	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Month
2/16/2011	604	BEN HUR AVENUE	KUW	Williams Creek	25	Abandoned Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	500	1.5		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
5/6/08	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103		Blockage - Debris. The sewer main was flushed & area was cleaned.	115	0.25		N/A	BA	6 Months
6/24/09	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103 and Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	344	1		N/A	BA/Grease Control	12 Months
7/7/2011	800	GRAVES STREET	KUW	Williams Creek	25	MH 31		Blockage - Grease. The sewer main was flushed & area was cleaned.	500	1		N/A	BA/Grease Control	3 Months
9/7/2011	2111	MOHAWK AVENUE	KUW	Williams Creek	25	MH 4-2		Blockage - Grease. The sewer main was flushed & area was cleaned.	5,400	12		N/A	BA/Grease Control	12 Months
7/8/2012	2111	MOHAWK AVENUE	KUW	Williams Creek	25	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	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
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

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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
1/20/2011	5405	GREEN VALLEY DRIVE	LC	Loves Creek	26	Air Release Valve		Broken System - Air Release Valve Failure. The valve was replaced & the area cleaned.	20	0.5	✓	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	✓	Construction Completed	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 Pipe		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	2,025	1	✓	Construction Completed	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
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	✓	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
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
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 Month
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
11/23/2011	5525	LONAS DRVIE	FC	Fourth Creek	27	MH 9-21		Blockage - Grease. The sewer main was flushed & area was cleaned.	40	1		N/A	BA/Grease Control	6 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 Month
3/1/2011	1940	OLD AMHERST ROAD	FC	Fourth Creek	27	MH 22-117		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Construction Completed	N/A	N/A
7/13/2012	914	PINEY GROVE CHURCH ROAD	FC	Fourth Creek	27	MH 49-110		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,800	3		N/A	BA	12 Month
4/5/2011	4228	CROSBY DRIVE	KUW	Third Creek	28	MH 27-3		Blockage - Roots. The sewer main was flushed & area was cleaned.	75	1		N/A	BA	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	6 Months
9/10/04	409	N BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Blockage - Grease. The sewer main was flushed & area was cleaned.	180	1	✓	Construction Completed	BA/Grease Control	1 Month
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
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	✓	Construction Completed	Repair Completed	N/A
3/24/2011	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	✓	Construction Completed	N/A	N/A
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	1		Future Construction Planned	N/A	N/A
10/25/10	4509	PAPERMILL DRIVE	KUW	Third Creek	28	MH 31		Blockage - Debris. The sewer main was flushed & area was cleaned.	500	0.5		N/A	BA	6 Months
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
4/7/2012	1925	AILOR AVENUE	KUW	Third Creek	29	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1		N/A	BA	12 Month
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
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 Underway	BA	3 Months
12/3/08	3413	KINGSTON PIKE	KUW	Third Creek	29	Broken Pipe		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		Construction Failure - A failed connection on a temporary system was repaired & the area was cleaned.	25	1		Construction Completed	N/A	N/A
5/25/09	1800	MIDDLEBROOK PIKE	KUW	Third Creek	29	MH 38		Blockage - Grease. The sewer main was flushed & area was cleaned.	162	1		N/A	BA/Grease Control	3 Months
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	0.75		N/A	BA	9 Month
11/24/09	601	S CONCORD STREET	KUW	Third Creek	29	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
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	WEST 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
4/16/2011	2004	RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	2,000	1	✓	Future Construction Planned	N/A	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	KUW	Williams Creek	31	MH 1-1		Heavy rainfall in the area resulted in high flows in the collection system.	200,000	6		Future Construction Planned	N/A	N/A
9/26/10	906	BATHURST ROAD	FC	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	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
3/26/09	6024	BROOKVALE LANE	FC	Fourth Creek	33	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	90	1		Construction Completed	N/A	N/A
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.	Unknown	Unknown		Construction Completed	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	33	MH 65-19		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	1		N/A	BA	12 Month
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
1/27/10	4611	KINGSTON PIKE	KUW	Third Creek	34	Broken Sewer Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	1,000	1		N/A	Repair Completed	N/A
1/6/09	5011	KINGSTON PIKE	KUW	Third Creek	34	MH 58		Heavy rainfall in the area resulted in high flows in the collection system.	5,600	11		Construction Completed	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	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	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
4/16/09	5032	LYONS VIEW PIKE	KUW	Third Creek	34	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	510	6.5		N/A	Repair Completed	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	✓	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
1/12/09	7105	DULANEY WAY	FC	Fourth Creek	36	MH 12-86		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,780	3.5		N/A	BA	6 months
11/5/2011	846	HANSMORE PLACE	FC	Fourth Creek	36	MH 3-325		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	3		N/A	BA	12 Months
10/16/09	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 33		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	700	1.5	✓	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
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	✓	Construction Completed	N/A	N/A
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
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
9/23/06	7112	SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Rainfall amounts between 3.95" & 5.05" fell across the service area producing l & l and high flows in the sewer mains.	4320	8		Construction Completed	BA	6 Months
12/11/08	7112	SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Heavy rainfall in the area resulted in high flows in the collection system.	62	1		Construction Completed	BA	6 Months
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	24		Construction Completed	BA	6 Months
9/5/02	7712	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
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
4/29/2011	6928	WESTLAND DRIVE	FC	Fourth Creek	36	Broken Gravity Main		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	57,000	2		N/A	Repair Completed	N/A
8/27/10	1700	EVENING SHADE LANE	FC	Fourth Creek	37	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10	3		N/A	Repair Completed	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	✓	N/A	Repair Completed	N/A
3/18/02	1500	LYONS BEND ROAD	FC	Fourth Creek	37	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
4/19/02	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Mechanical Failure. Plant was reinstated.	569,000	2	✓	N/A	Repair Completed	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	✓	Construction Underway	N/A	N/A
2/16/03	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	871,000	6	✓	Construction Underway	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	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	1,500,000	3	✓	Construction Underway	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	✓	Construction Underway	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
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	✓	N/A	Repair Completed	N/A
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	✓	Construction Underway	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	✓	Construction Underway	N/A	N/A

005473

2003-2012 SSOER with Building Backups

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
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 Complete	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
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 Complete	N/A
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
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
1/1/2011	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.	380,000	2.82	✓	Construction Underway	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
3/9/2011	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	160,000	2.38	✓	Construction Underway	N/A	N/A
4/16/2011	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	350,000	2.82	✓	Construction Underway	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	✓	Construction Underway	N/A	N/A
11/28/2011	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	398,650	6.42	✓	Construction Underway	N/A	N/A
1/23/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	40,000	0.08	✓	Construction Underway	N/A	N/A
3/7/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		WWTP - Electrical Failure. Electricity was restored.	97,300	0.45	✓	N/A	Repair Completed	N/A
9/18/2012	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 Inches of rainfall in 24 hour period.	1,823,600	8.5	✓	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.	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	✓	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
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
3/12/2011	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
3/13/2011	1716	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
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
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
9/25/06	6410	S NORTSHORE DRIVE	FC	Fourth Creek	37	MH 8		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	304380	6		Construction Completed	N/A	N/A
2/19/10	6410	S NORTSHORE 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
3/17/2011	6410	S NORTSHORE 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
4/16/2011	6410	S NORTSHORE 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
4/28/2011	6410	S NORTSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	8,700	1	✓	Construction Completed	N/A	N/A
9/6/2011	6410	S NORTSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	13,000	1	✓	Construction Completed	N/A	N/A
9/18/2012	6410	S NORTSHORE DRIVE	FC	Fourth Creek	37	MH 8		Heavy rainfall in the area resulted in high flows in the collection system.	40,000	2		Construction Completed	N/A	N/A
3/7/2011	4420	ALTA VISTA WAY	KUW	Third Creek	38	Broken Gravity Main		Blockage - Debris. The sewer main was flushed & area was cleaned.	13,000	2		N/A	BA	12 Months
12/4/2011	520	CHEROKEE BOULEVARD	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 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
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	N/A
3/13/2012	929	KEOWEE AVENUE	KUW	Third Creek	38	Broken Pipe		Construction Failure by Customer - Dig-In. A section sewer main was repaired & the area was cleaned.	900	24		N/A	Repair Completed	N/A
5/10/09	3560	TALAHI DRIVE	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 Month
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
9/17/2012	4600	CHAPMAN HIGHWAY	KUW	South Knoxville	39	MHs 81 & 82		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	4,900	6		N/A	Repair Completed	N/A
3/8/03	4411	CYPRESS LANE	KUW	South Knoxville	39	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	KUW	South Knoxville	39	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	KUW	South Knoxville	39	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	4500	EAST END ROAD	KUW	South Knoxville	39	Lateral Cleanout		Blockage - Roots. The sewer main was flushed & area was cleaned.	20	1		N/A	BA	12 Month
2/16/2011	512	FLENNWOOD WAY	KUW	South Knoxville	39	MH 61		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	3,200	3		N/A	BA/Grease Control	6 Months
3/19/2011	123	INGERSOLL AVENUE	KUW	South Knoxville	39	Lateral Cleanout		Blockage - Debris. The sewer main was flushed & area was cleaned.	12	1		N/A	BA	6 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
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 Month
1/6/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		Blockage - Debris. The sewer main was flushed & area was cleaned.	15,000	14.75	✓	N/A	BA	6 Months
5/15/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	22	1	✓	N/A	BA	6 Months
3/29/2011	702	REDWINE STREET	KUW	South Knoxville	39	MH 5		Construction Failure - Bypass Pump Failure. Pump was reinstated & the area was cleaned.	100	0.25		N/A	Repair Completed	N/A
10/20/09	850	TALLY HO DRIVE	KUW	South Knoxville	39	MH 62-21		Blockage - Roots. The sewer main was flushed & area was cleaned.	1,870	2		N/A	BA	6 Months
2/17/2011	850	TALLY HO DRIVE	KUW	South Knoxville	39	MH 62-21		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	150	1		N/A	BA/Grease Control	9 Months
7/5/10	3808	W BLOUNT AVENUE	KUW	South Knoxville	39	Broken Sewer Lateral		Blockage - Grease and Debris. The sewer main was flushed & area was cleaned.	13000	24		N/A	Repair Completed	NA
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
9/10/2012	423	BUSBEE ROAD	KUW	South Knoxville	40	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
2/28/2011	1127	E MOODY AVENUE	KUW	South Knoxville	40	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	KUW	South Knoxville	40	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	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	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	✓	Construction Completed	N/A	N/A
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	✓	Construction Completed	N/A	N/A
9/23/06	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	8640	6	✓	Construction Completed	N/A	N/A
11/1/06	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	720	4	✓	Construction Completed	N/A	N/A
12/10/08	1210	E MOODY AVENUE	KUW	South Knoxville	40	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	KUW	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	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	540	1.5	✓	Construction Completed	N/A	N/A
6/17/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	51,771	3	✓	Construction Completed	N/A	N/A
7/13/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	254	1	✓	Construction Completed	N/A	N/A
7/28/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	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	40	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	40	0.5	✓	Construction Completed	N/A	N/A
9/26/09	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 40		Heavy rainfall in the area resulted in high flows in the collection system.	1,780	3	✓	Construction Completed	N/A	N/A
1/25/10	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	NA	NA
5/3/10	1210	E MOODY AVENUE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	750	5	✓	Construction Completed	NA	NA
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	✓	Construction Completed	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
9/23/06	3741	EAKERS STREET	KUW	South Knoxville	40	MHs 47 & 47-103		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	10560	8		Construction Completed	N/A	N/A
8/6/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	224	0.5	✓	Construction Completed	N/A	N/A
9/26/09	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	3	✓	Construction Completed	N/A	N/A
1/25/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	NA	NA
5/3/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	450	2.5	✓	Construction Completed	NA	NA
12/1/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	1500	3		Construction Completed	NA	NA
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
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

2003-2012 SSOER with Building Backups

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
4/28/2011	3741	EAKERS STREET	KUW	South Knoxville	40	MHs 47 & 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	100	1	✓	Construction Completed	N/A	N/A
1/24/2012	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
9/18/2012	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47-103		Heavy rainfall in the area resulted in high flows in the collection system.	2,000	3	✓	Construction Completed	N/A	N/A
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
3/7/2011	243	GILBERT LANE	KUW	South Knoxville	40	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	5,000	2		N/A	BA/Grease Control	6 Months
1/24/2011	500	MIMOSA 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	Repair Completed	N/A
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		N/A	Repair Completed	N/A
2/16/03	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	180	2	✓	Construction Completed	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	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	✓	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	N/A	N/A
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	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
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	✓	Construction Completed	N/A	N/A
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	✓	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	✓	Construction Completed	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
9/23/06	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	9000	5		Construction Completed	N/A	N/A
9/24/07	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	4,500	1.5		Construction Completed	Repair Complete	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
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	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	✓	Construction Completed	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
6/17/2011	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	200	0.16		Construction Completed	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
9/18/2012	961	EAST FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Pump Station - Electrical Failure during Heavy Rainfall. Electricity was restored & the area was cleaned. The area received an average 5.65 inches of rainfall in 24 hour period.	97,500	2.5		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
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 Month
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		Future Construction Planned	BA	6 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		N/A	Repair Completed	N/A
9/12/10	5915	NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	Unnamed Manhole at Facility		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	294000	3.5	✓	Construction Underway	N/A	N/A
1/7/2011	5915	NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	Unnamed Manhole at Facility		Heavy rainfall in the area resulted in high flows in the collection system.	224,000	4.4	✓	Construction Underway	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		N/A	Repair Completed	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		NA	BA	6 Months
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
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 Month
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	✓	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
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		Construction Completed	N/A	N/A
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		N/A	Repair Completed	N/A
7/23/09	5212	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	741	504 Intermittently		N/A	Repair Completed	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		N/A	Repair Completed	N/A
3/24/08	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	15	1		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
9/25/2012	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	Repair Completed	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.	4	1	✓	N/A	Repair Completed	N/A
1/25/2011	5235	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Broken Gravity Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10	1		N/A	Repair Completed	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
9/13/03	5241	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	Unknown	Unknown		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	Repair Completed	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		N/A	Repair Completed	N/A
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	Repair Completed	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		N/A	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		N/A	Repair Completed	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
4/10/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	3	✓	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.	10	3	✓	N/A	Repair Completed	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	✓	N/A	Repair Completed	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	✓	N/A	Repair Completed	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		N/A	Repair Completed	N/A
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	Repair Completed	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.	15	1	✓	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	✓	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	Repair Completed	N/A
12/24/2011	5347	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	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	Repair Completed	N/A
2/28/2012	5356	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	1.5	✓	N/A	Repair Completed	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	Repair Completed	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		N/A	Repair Completed	N/A
10/3/2011	1915	LYONS BEND ROAD	FC	Fourth Creek	43	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	6	0.5		N/A	Repair Completed	N/A
11/26/2011	2520	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	Repair Completed	N/A
3/18/02	2600	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	2600	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	2600	WOODSON DRIVE	KUW	South Knoxville	44	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	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	6000	1	✓	Construction Completed	Repair Completed	12 Months
2/14/03	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	16,500	22	✓	Construction Completed	N/A	N/A
2/22/03	2600	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	2600	WOODSON DRIVE	KUW	South Knoxville	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	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	3300	550	✓	Construction Completed	N/A	N/A
5/11/03	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Heavy rainfall in the area resulted in high flows in the collection system.	300	1.5	✓	Construction Completed	N/A	N/A
5/31/04	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	2400	1		Construction Completed	N/A	N/A

2003-2012 SSOER with Building Backups

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
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
2/18/09	2600	WOODSON DRIVE	KUW	South Knoxville	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	NA	NA
8/3/10	2636	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	NA
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	Pump was repaired	NA
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
2/23/2012	2715	MARYVILLE PIKE	KUW	Knob Creek	45	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	60	1		N/A	Repair Completed	N/A
11/5/2012	4923	BALL ROAD	FC	Fourth Creek	49	Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	28,500	8		N/A	Repair Completed	N/A
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
4/17/10	5105	BALL ROAD	KUW	Third Creek	49	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	72675	2		N/A	Repair Completed	N/A
4/9/2012	5603	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 Month
1/25/10	6621	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
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
7/9/2012	781	BAGWELL ROAD	LC	Loves Creek	63	Broken Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	125	2		N/A	Repair Completed	N/A
3/2/2011	3011	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
3/9/2012	8537	ASHEVILLE HIGHWAY	EB	Eastbridge	72	MH 21-16		Blockage - Debris. The sewer main was flushed & area was cleaned.	400	2		N/A	BA	12 Month
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
11/5/2012	8455	STRAWBERRY PLAINS PIKE	EB	Eastbridge	72	Force Main		Construction Failure - Dig-In. Force main was repaired & the area was cleaned.	460	4		N/A	Repair Completed	N/A
6/6/09	2501	FERNBANK ROAD	LC	Loves Creek	105	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	44	4		N/A	BA/Grease Control	6 Months
3/26/09	1925	ROSEWOOD ROAD	LC	Loves Creek	105	Commercial Grinder Pump and BBU	BBU	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1.5		N/A	Repair Completed	N/A
9/1/2011	6235	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	1711	TRANSPORT WAY	LC	Loves Creek	105	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	1	0.25		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
4/7/2012	2304	WOODS CREEK ROAD	LC	Loves Creek	105	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	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	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Wetwell		Blockage - Debris. The sewer main was flushed & area was cleaned.	1,800	1	✓	Construction Completed	N/A	N/A
7/9/2012	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Wetwell		Blockage - Debris. The sewer main was flushed & area was cleaned.	50	1	✓	Construction Completed	N/A	N/A
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
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	✓	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	✓	Construction Completed	BA	1 Month
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	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		Blockage - Debris at Pump Station. Blockage was removed & the area was cleaned.	1,440	2	✓	Construction Completed	N/A	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
2/2/2012	7218	WASHINGTON PIKE	EB	Eastbridge	109	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	30	1.5		N/A	Repair Completed	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
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	6310	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
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
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
6/10/05	7661	BUD HAWKINS ROAD	EB	Eastbridge	113	Wetwell		Pump Station - Mechanical Failure due to lightning strike. Station was repaired & the area was cleaned.	2,880	1		N/A	Repair Completed	N/A
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
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
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
6/12/09	4300	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	30	1		N/A	Repair Completed	N/A
9/14/2012	4300	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	10	2	✓	Construction Completed	Repair Completed	N/A
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
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	4304	ROBERTS ROAD	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	1	0.25	✓	N/A	Repair Completed	N/A
11/24/2012	7920	WASHINGTON PIKE	EB	Eastbridge	113	Grinder Pump		Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	0.5		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
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
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
3/7/2011	6540	CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-4		Blockage - Debris. The sewer main was flushed & area was cleaned.	12,200	1		N/A	BA	12 Months
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
8/22/2011	1134	FERD HICKEY ROAD	FC	Fourth Creek	32a	MH 30-39		Blockage - Roots. The sewer main was flushed & area was cleaned.	2,000	2		N/A	BA	12 Months
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	2.5		N/A	BA/Grease Control	12 Months
10/3/02	600	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	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	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	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1890	21	✓	Construction Completed	N/A	N/A
5/6/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	49,875	66.5	✓	Construction Completed	N/A	N/A
7/2/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	14,440	24	✓	Construction Completed	N/A	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	✓	Construction Completed	N/A	N/A
11/19/03	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1920	8	✓	Construction Completed	N/A	N/A
2/6/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	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	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1680	3.5	✓	Construction Completed	N/A	N/A
6/27/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	240	4	✓	Construction Completed	N/A	N/A
9/17/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	31,680	22	✓	Construction Completed	N/A	N/A
11/24/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	6480	12	✓	Construction Completed	N/A	N/A
12/1/04	600	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	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	390,240	24	✓	Construction Completed	N/A	N/A
12/9/04	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	189,000	70	✓	Construction Completed	N/A	N/A
2/21/05	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	260000	20	✓	Construction Completed	N/A	N/A
4/2/05	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	7,200	20	✓	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
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
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
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	✓	Construction Completed	N/A	N/A
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	✓	Construction Completed	N/A	N/A
9/24/06	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	3310000	5	✓	Construction 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	✓	Construction Completed	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	✓	Construction Completed	N/A	N/A
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	✓	Future Construction Planned	N/A	N/A
3/10/2011	600	N GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	468,000	39	✓	Future Construction Planned	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	✓	Future Construction 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	✓	Future Construction Planned	N/A	N/A
11/6/2011	1708	PINETREE LANE	FC	Fourth Creek	32A	Lateral Cleanout		Blockage - Grease. The sewer main was flushed & area was cleaned.	62,000	72 - Intermittently		N/A	BA	12 Months
3/18/10	5732	TENNYSON DRIVE	FC	Fourth Creek	32A	MH 49-182		Blockage - Debris. The sewer main was flushed & area was cleaned.	20,825	168 Intermittently		N/A	BA	6 Months

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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
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
9/29/09	8012	W CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-7		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	65	1		N/A	BA/Grease Control	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		N/A	Repair Completed	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	✓	Construction 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	✓	Construction Completed	Repair Completed	N/A
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
11/2/2011	409	N WINSTON ROAD	FC	Fourth Creek	32B	MH17-1		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	2		N/A	Repair Completed	N/A
10/30/09	1408	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
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
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
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
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
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	✓	Future Construction Planned	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
9/18/2012	2004	NEYLAND DRIVE	KUW	Second Creek	35a	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	100,000	0.25	✓	Future Construction Planned	N/A	N/A
12/13/2011	1300	ALCOA HIGHWAY	KUW	Third Creek	35B	MH 18-3		Blockage - Debris. The sewer main was flushed & area was cleaned.	650	1		N/A	BA	12 Months
6/18/09	2303	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-5		Construction Failure - Blockage by Construction Debris. The sewer main was flushed & the area was cleaned.	5,491	1		N/A	Repair Completed	N/A
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
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
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
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
2/28/2011	2640	MORGAN CIRCLE	KUW	Third Creek	35B	MH 4-19		Heavy rainfall in the area resulted in high flows in the collection system.	1,500	3		Future Construction Planned	N/A	N/A
3/17/02	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Future Construction Planned	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	✓	Future Construction 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	✓	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
9/22/02	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	✓	Future Construction 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	✓	Future Construction 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	✓	Future Construction 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	✓	Future Construction Planned	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.	12,120,000	18	✓	Future Construction Planned	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.	1,480,000	7	✓	Future Construction Planned	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	✓	Future Construction 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	✓	Future Construction 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 Construction 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	✓	Future Construction 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	✓	Future Construction 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	✓	Future Construction Planned	N/A	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
3/3/07	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		WWTP - Electrical Failure. Electricity was restored.	1,170,000	1.5	✓	Future Construction Planned	Repair Completed	N/A
1/24/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box		Heavy rainfall in the area resulted in high flows in the collection system.	1,000,000	20.5	✓	Future Construction Planned	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	✓	Future Construction 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	✓	Future Construction 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 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	✓	Future Construction 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	✓	Future Construction 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		Future Construction 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		Future Construction 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		Future Construction 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		Future Construction 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	0.17		Future Construction Planned	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
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
3/3/07	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Ruptured Force Main		Broken System - Broken Force Main. Force main was repaired & the area cleaned.	10,600	1		Future Construction Planned	Repair Complete	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		Future Construction Planned	Repair Completed	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
9/4/08	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Broken Pipe		Construction Failure - Dig-In. Gravity main was repaired & the area was cleaned.	50	0.083		Future Construction Planned	Repair Completed	N/A
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
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
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

2003-2012 SSOER with Building Backups

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
1/19/01	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by debris.	2000	4		Construction Completed	BA	12 Months
4/13/01	614	SEVIER AVENUE	KUW	South Knoxville	40	MH 1-43		The sewer main was flushed to remove the blockage caused by debris.	1200	1	✓	Construction Completed	BA/Grease Control	3 Months
5/22/01	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		Heavy rainfall in the area resulted in high flows in the collection system.	12,000	2	✓	Construction Completed	N/A	N/A
6/25/01	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		Heavy rainfall in the area resulted in high flows in the collection system.	7200	1.5	✓	Construction Completed	N/A	N/A
6/29/01	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		Heavy rainfall in the area resulted in high flows in the collection system.	1500	0.33	✓	Construction Completed	N/A	N/A
7/29/01	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		Heavy rainfall in the area resulted in high flows in the collection system.	24,000	8	✓	Construction Completed	N/A	N/A
3/19/02	615	SEVIER AVENUE	KUW	South Knoxville	40	MH 1-43	BBU	The sewer main was flushed to remove the blockage caused by grease and debris.	5000	8	✓	Construction Completed	BA/Grease Control	3 Months
9/21/02	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		Heavy rainfall in the area resulted in high flows in the collection system.	36,000	12	✓	Construction Completed	N/A	N/A
11/11/02	2907	GINNBROOKE LANE	KUW	Knob Creek	47	MH 22		The overflow occurred as the result of the loss of electrical power during a severe storm event.	2700	3	✓	Construction Completed	Repair Completed	N/A
2/19/03	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-48		Heavy rainfall in the area resulted in high flows in the collection system.	360	6	✓	Construction Completed	BA	6 Months
2/22/03	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-48		Heavy rainfall in the area resulted in high flows in the collection system.	240	2	✓	Construction Completed	BA	6 Months
4/3/03	1215	ROCKY HILL ROAD	FC	Fourth Creek	36	MH 55		The sewer main was flushed to remove the blockage caused by grease.	240	2		N/A	BA/Grease Control	12 Months
5/6/03	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	5640	47	✓	Construction Completed	BA	12 Months
5/19/03	615	SEVIER AVENUE	KUW	South Knoxville	40	MH 1-43		The sewer main was flushed to remove the blockage caused by debris.	300	3	✓	Construction Completed	BA/Grease Control	3 Months
7/10/03	3821	W BLOUNT AVENUE	KUW	South Knoxville	39	MH 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	1200	5	✓	Construction Completed	BA	12 Months
7/14/03	3821	W BLOUNT AVENUE	KUW	South Knoxville	39	MH 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Completed	BA	12 Months
9/21/03	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		A landscaping contractor hit and damaged the control box for the residential grinder pump.	5	1		N/A	Repair Completed	N/A
11/10/03	614	SEVIER AVENUE	KUW	South Knoxville	40	MH 1-43		The sewer main was flushed to remove the blockage caused by grease.	240	0.5	✓	Construction Completed	BA/Grease Control	3 Months
2/6/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	60,000	22.5	✓	Construction Completed	BA	12 Months
2/6/04	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4 & 39-5		Heavy rainfall in the area resulted in high flows in the collection system.	12,000	20	✓	Construction Completed	BA	12 Months
3/6/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	1920	4	✓	Construction Completed	BA	12 Months
3/6/04	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Wetwell		Pumpstation failure-Electronic/The electronic controls that actuate the pumps malfunctioned.	2250	0.75		Construction Completed	Repair Completed	N/A
3/10/04	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4		Heavy rainfall in the area resulted in high flows in the collection system.	450	4	✓	Construction Completed	BA	12 Months
5/22/04	1215	ROCKY HILL ROAD	FC	Fourth Creek	36	MH 55		The sewer main was flushed to remove the blockage caused by grease and roots.	120	1		N/A	BA/Grease Control	12 Months
6/25/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	867	4	✓	Construction Completed	BA	12 Months
11/24/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	7200	6	✓	Construction Completed	BA	12 Months
11/24/04	4811	BEVERLY RD	KUW	First Creek	2	MH 39-44 & 39-4		Heavy rainfall in the area resulted in high flows in the collection system.	9360	8	✓	Construction Completed	BA	12 Months
11/30/04	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4		Heavy rainfall in the area resulted in high flows in the collection system.	1080	3	✓	Construction Completed	BA	12 Months
12/1/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	540	2	✓	Construction Completed	BA	12 Months
12/7/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	65	2	✓	Construction Completed	BA	12 Months
12/7/04	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4 & 39-44		Heavy rainfall in the area resulted in high flows in the collection system.	2000	2.75	✓	Construction Completed	BA	12 Months
12/9/04	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	636,990	24	✓	Construction Completed	BA	12 Months
12/11/04	2509	BROADWAY	KUW	First Creek	17	MH 4-71		The sewer main was flushed to remove the blockage caused by grease and roots.	5220	29		N/A	BA/Grease Control	6 Months
12/11/04	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4, 39-44 & 39-45		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Completed	BA	12 Months
2/21/05	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	5040	21	✓	Construction Completed	BA	12 Months
3/28/05	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	32	2	✓	Construction Completed	BA	12 Months
4/2/05	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	225	4	✓	Construction Completed	BA	12 Months
5/20/05	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	480	2	✓	Construction Completed	BA	12 Months
7/7/05	436	MARYVILLE PIKE	KUW	South Knoxville	39	MHs 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	12,240	2	✓	Construction Completed	BA	12 Months
1/2/06	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		The residential grinder pump was replaced after the mechanical failure of the pump.	10	2		N/A	Repair Completed	N/A
1/17/06	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	3600	4.75	✓	Construction Completed	BA	12 Months
3/12/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Wetwell		There was a total loss of electrical service to the station due to squirrels.	180	1	✓	Construction Completed	N/A	N/A
4/8/06	436	MARYVILLE PIKE	KUW	South Knoxville	39	MH 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	360	1	✓	Construction Completed	BA	12 Months
4/22/06	436	MARYVILLE PIKE	KUW	South Knoxville	39	MHs 29-2 & 30		Heavy rainfall in the area resulted in high flows in the collection system.	26600	6	✓	Construction Completed	BA	12 Months
9/23/06	436	MARYVILLE PIKE	KUW	South Knoxville	39	MHS 29-2 & 30		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	71904	16	✓	Construction Completed	BA	12 Months
9/24/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Wetwell		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	2250	0.75	✓	Construction Completed	N/A	N/A
8/22/07	2701	WILSON AVENUE	KUW	Williams Creek	19	MH 8		The sewer main was flushed to remove the blockage caused by grease.	540	6		N/A	B A / Grease Control	12 Months
10/6/07	120	MORRELL ROAD	FC	Fourth Creek	33	MH 53-8		The sewer main was flushed to remove the blockage caused by grease.	360	1		N/A	B A / Grease Control	6 Months
10/19/07	1338	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		There was a leak on a 8" force main.	1,800	2	✓	Construction Completed	N/A	N/A
10/27/07	1338	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		There was a leak on a 8" force main.	1,125	3	✓	Construction Completed	N/A	N/A
12/28/07	4315	RUTLEDGE PIKE	LC	Loves Creek	20	Grinder Pump Failure		The commercial grinder pump station was repaired.	8	1		N/A	Repair Completed	N/A
12/29/07	1338	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		There was a leak on a 8" force main.	32,400	3	✓	Construction Completed	N/A	N/A
1/5/08	2513	SABLE POINT LANE	LC	Loves Creek	105	MH 48-3		A contractor did not removed a sewer plug during a construction project.	39,000	72		N/A	Repair Completed	N/A
1/7/08	1530	LOUISIANA AVENUE	KUW	Third Creek	22	Abandoned Lateral		The sewer main was manually-cleaned and flushed to remove the blockage caused by heavy debris.	6,800	4		N/A	BA	12 Months
1/8/08	7912	LIVINGSTON DRIVE	FC	Fourth Creek	42	MH 28-1		The sewer main was flushed to remove the blockage caused by roots and debris.	120	1		N/A	BA	6 Months
1/22/08	624	SOUTHBROOK DRIVE	KUW	Knob Creek	41	Lateral Cleanout		Evidence indicates that the SSO occurred during the air test of a new main by a rehabilitation contractor.	249	1		N/A	Repair Completed	N/A
1/28/08	501	NOELTON DRIVE	KUW	Third Creek	38	MH 50-7		The sewer main was flushed to remove the blockage caused by grease and debris.	180	1		N/A	Repair Completed	N/A
1/29/08	509	TREHAVEN DRIVE	KUW	Second Creek	10	MH 24-48		The sewer main was flushed to remove the blockage caused by roots and grease.	55	1		N/A	BA/Grease Control	6 Months
1/30/08	2101	LAUREL AVENUE	KUW	Third Creek	35B	MH 23-17		The sewer main was flushed to remove the blockage caused by rags and debris.	180	0.5		Construction Completed	N/A	N/A
2/5/08	1338	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		The force main was repaired.	560	2	✓	Construction Completed	Repair Completed	N/A
2/6/08	200	AVENUE C	KUW	South Knoxville	39	MH 40-27 & BBU		The sewer main was flushed to remove the blockage caused by grease.	480	2		N/A	BA/Grease Control	6 Months
2/13/08	4315	RUTLEDGE PIKE	LC	Loves Creek	20	Wetwell		The electrical breaker on the commercial grinder pump station was turned back on.	100	Unknown		N/A	Repair Completed	N/A
2/17/08	206	CREEK STONE LANE	EB	Eastbridge	72	Service Connection		The service connection on the low-pressure force main was repaired.	180	6		N/A	Repair Completed	N/A

2003-2012 SSOER with Building Backups

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
2/18/08	1463	E WEISGARBER ROAD	FC	Fourth Creek	27	Leaking Pipe Joint		The sewer main joint was repaired.	10	5		N/A	Repair Completed	N/A
2/19/08	5364	N BROADWAY	KUW	First Creek	3	MH 10-4		The sewer main was flushed to remove the blockage caused by grease and debris.	5	0.5		N/A	BA/Grease Control	6 Months
2/21/08	1105	PARK HILL CIRCLE	FC	Fourth Creek	27	MH 49-87		The sewer main was flushed to remove the blockage caused by grease.	145	2		N/A	BA/Grease Control	6 Months
2/21/08	4257	SKYLINE DRIVE	LC	Loves Creek	20	MH 47-15		The sewer main was physically cleaned and flushed to remove the blockage caused by debris and due to vandalism.	5	0.5		N/A	Repair Completed	N/A
3/2/08	1720	POLKWRIGHT LANE	FC	Fourth Creek	37	Wetwell		The mechanical failure of the residential grinder pump was repaired.	1	0.08		N/A	Repair Completed	N/A
3/3/08	2108	BELCARO DRIVE	KUW	First Creek	4	MH 18-117		The sewer main was flushed to remove the blockage caused by debris.	1	0.25		N/A	BA	6 Months
3/11/08	4623	WEBB LANE	KUW	Third Creek	21	Lateral Cleanout		The sewer lateral was flushed to remove the blockage caused by debris.	180	1		N/A	Repair Completed	N/A
3/17/08	5601	CEDAR HEIGHTS ROAD	KUW	Second Creek	5	MH 35-22		The sewer main was flushed to remove the blockage caused by debris.	360	1		N/A	BA	6 Months
3/26/08	3706	ROBERTS ROAD	EB	Eastbridge	113	Leaking Force Main		The force main was repaired.	810	2		N/A	Repair Completed	N/A
3/28/08	1801	E FIFTH AVENUE	KUW	First Creek	24	Leaking Pipe		The leaking pipe was repaired.	Unknown	Unknown		N/A	Repair Completed	N/A
3/30/08	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		The electrical breaker on the residential grinder pump station was turned back on.	50	4		N/A	Repair Completed	N/A
4/8/08	2201	LAKE AVENUE	KUW	Third Creek	35B	MH 27-14		The sewer main was flushed to remove the blockage caused by grease.	110	1		N/A	BA/Grease Control	12 Months
4/14/08	3913	ROBERTS ROAD	EB	Eastbridge	113	Leaking Force Main		The force main was repaired.	783	0.05		N/A	Repair Completed	N/A
4/22/08	1713	DONNINGHAM DRIVE	KUW	First Creek	4	MH 22-211		The sewer main was flushed to remove the blockage caused by roots.	35	3		N/A	BA	6 Months
4/23/08	5300	AZINGER LANE	EB	Eastbridge	109	Broken Force Main		The force main was repaired.	47	2		N/A	Repair Completed	N/A
5/8/08	2113	MARTHA BERRY DRIVE	KUW	First Creek	4	MH 18-116		The sewer main was flushed to remove the blockage caused by roots.	230	1		N/A	BA	6 Months
5/9/08	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Wetwell		Electrical power was restored after an outage caused by a strong storm.	1,000	0.33		Construction Completed	N/A	N/A
5/30/08	5700	MELSTONE DRIVE	KUW	Third Creek	9	3 Lateral Cleanouts		A contractor-owned sewer plug was removed from the sewer main.	150	1		N/A	Repair Completed	N/A
6/16/08	4107	ROBERTS ROAD	EB	Eastbridge	113	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	6	1		N/A	Repair Completed	N/A
6/18/08	1721	IROQUOIS STREET	KUW	Williams Creek	25	Leaking Pipe		There was a leak in the sewer main.	5	3		N/A	Repair Completed	N/A
7/7/08	4410	BUFFAT MILL ROAD	LC	Loves Creek	6	MH 29-289		The sewer main was flushed to remove the blockage caused by roots.	216	3		N/A	BA	6 Months
7/10/08	2904	MOUNT PLEASANT ROAD	KUW	Third Creek	50	MH 12-7		The sewer main was flushed to remove the blockage caused by grease and debris.	748	4		N/A	BA	12 Months
7/20/08	5900	NEUBERT SPRINGS ROAD	KUW	Knob Creek	41	Lateral Cleanout		Debris from a rehabilitation contractor caused a partial blockage. The sewer main was cleared and cleaned.	360	1	✓	Future Construction Planned	N/A	N/A
7/22/08	6410	S RUGGLES FERRY PIKE	LC	Loves Creek	62	MH 3		Power failure at the pump station caused by storm damage to the power lines.	300	1		N/A	Repair Completed	N/A
8/6/08	1019	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		The contractor was removing a temporary force main and allowed leakage to occur.	38	2		N/A	Repair Completed	N/A
8/7/08	7217	WASHINGTON PIKE	EB	Eastbridge	109	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	14	3		N/A	Repair Completed	N/A
8/14/08	5309	ROBERTS ROAD	EB	Eastbridge	113	Leaking Force Main		There was a dig-in on the force main during the installation of an electrical power pole.	5,030	2		N/A	Repair Completed	N/A
9/6/08	301	E CHURCH AVENUE	KUW	First Creek	30	MH 10-11		The sewer main was flushed to remove the blockage caused by debris.	1,438	8		N/A	BA	12 Months
9/8/08	401	MARYVILLE PIKE	KUW	South Knoxville	39	MHs 27-1, 27-2 & Leaking Pipe		The event was related to a partial failure of the pump-around process during a sewer replacement project.	1,570	12		Construction Completed	Repair Completed	N/A
9/28/08	5371	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	120	4		N/A	Repair Completed	N/A
9/30/08	5323	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of an improperly-installed residential grinder pump.	150	4		N/A	Repair Completed	N/A
9/30/08	5915	CASEY DRIVE	FC	Fourth Creek	27	MH 22-8		The sewer main was flushed to remove the blockage caused by grease and roots.	375	0.25		N/A	BA/Grease Control	6 Months
10/6/08	1211	ROCKY HILL ROAD	FC	Fourth Creek	36	MH 55		The sewer main was flushed to remove the blockage caused by grease and roots.	217	1		N/A	BA/Grease Control	6 Months
10/22/08	401	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-2		The bypass pump was damaged and parts were removed overnight due to vandalism.	100,000	8		Construction Completed	Repair Completed	N/A
10/22/08	1224	MORRELL ROAD	FC	Fourth Creek	36	MH 56		The sewer main was flushed to remove the blockage caused by debris and pipe sags.	60	1.25		N/A	BA	6 Months
10/24/08	405	MERCHANTS DRIVE	KUW	Second Creek	5	Leaking Joint		The sewer main was flushed to remove the blockage caused by grease during a rainfall event.	280	1		N/A	BA	6 Months
10/29/08	4801	WILKSHIRE DRIVE	KUW	Third Creek	12	Cleanout		The sewer main was repaired and flushed to remove the blockage caused by a broken pipe.	1,500	3		N/A	Repair Completed	N/A
11/4/08	3413	PILKAY ROAD	KUW	Third Creek	28	MH 8-1		The sewer main was flushed to remove the blockage caused by grease and debris.	5,320	1		Construction Completed	N/A	N/A
11/5/08	1036	E EMERALD AVENUE	KUW	First Creek	17	MH 4-71		The sewer main was flushed to remove the blockage caused by roots and debris.	120	1	✓	N/A	Repair Completed	N/A
11/9/08	120	MORRELL ROAD	FC	Fourth Creek	33	MH 53-8		The sewer main was flushed to remove the blockage caused by grease.	240	1		N/A	BA/Grease Control	6 Months
11/9/08	1036	E EMERALD AVENUE	KUW	First Creek	17	MH 4-71		The sewer main was flushed to remove the blockage caused by roots and debris.	120	1	✓	N/A	Repair Completed	N/A
11/19/08	3600	KENILWORTH LANE	LC	Loves Creek	6	BBU and Service Lateral		A private contractor installing a gas main bored through the service lateral.	19	1		N/A	Repair Completed	N/A
11/22/08	3706	ROBERTS ROAD	EB	Eastbridge	113	Leaking LP Lateral		An exposed section of service lateral burst upon freezing and was repaired.	7	0.017		N/A	Repair Completed	N/A
11/27/08	8111	WASHINGTON PIKE	EB	Eastbridge	111	Leaking LP Lateral		There was a leak on the low-pressure service lateral.	90	5		N/A	Repair Completed	N/A
12/3/08	1708	NUMBER TWO DRIVE	EB	Eastbridge	115	Leaking ARV		There was a leak from a air release valve on a force main.	423	4		N/A	Repair Completed	N/A
12/7/08	4209	LAMOUR DRIVE	KUW	Third Creek	28	MH 16-161		The sewer main was flushed to remove the blockage caused by roots.	30	2		N/A	BA	6 Months
12/8/08	1902	HIGHLAND DRIVE	KUW	First Creek	7	MH 17-32		The sewer main was flushed to remove the blockage caused by roots.	1,025	10		N/A	BA	6 Months
12/9/08	2007	RIDGECREST DRIVE	KUW	First Creek	4	MH 18-126		The sewer main was flushed to remove the blockage caused by roots.	561	5		N/A	BA	6 Months
12/10/08	615	SEVIER AVENUE	KUW	South Knoxville	40	MH 1-43 & BBU		The sewer main was flushed to remove the blockage caused by debris during heavy rainfall.	615	3		Construction Completed	BA/Grease Control	3 Months
12/11/08	4144	OAKLAND DRIVE	KUW	First Creek	2	MH 39-4		Heavy rainfall in the area resulted in high flows in the collection system.	150	2	✓	Construction Completed	N/A	N/A
12/13/08	8112	AINSWORTH DRIVE	FC	Fourth Creek	32B	MH 4-46		The sewer main was flushed to remove the blockage caused by roots and debris.	2,160	12		N/A	BA	6 Months
12/21/08	6902	S NORTHSHORE DRIVE	FC	Fourth Creek	36	MH 12-62		The sewer main was flushed to remove the blockage caused by debris.	360	1		N/A	BA	6 Months

2003-2012 SSOER with Building Backups

Date	Street #	Street	Plant	Watershed	Basin	Backup Location	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
3/18/02	5816	HOLSTON HILLS RD	LC	Loves Creek	26	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	N/A	N/A		N/A	BA	12 Months
11/8/06	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1.5		N/A	Repair Completed	N/A
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	B A	12 Months
10/08/08	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	200	1		N/A	BA/Grease Control	6 Months
12/10/08	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	50	1		N/A	Repair Completed	N/A
01/06/09	5230	MCMUTT 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
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	BA	6 Months
02/01/09	4413	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	4726 & 4728	BALL CAMP PIKE	KUW	Third Creek	12	Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.	375	0.5		N/A	BA/Grease Control	1 Month
03/17/09	2860	LINDEN AVENUE	KUW	Williams Creek	19	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	1	0.02		N/A	BA/Grease Control	3 Months
4/13/09	1848	FRATERNITY PARK DRIVE	KUW	Third Creek	35B	Patio and Building Backup	✓	The capacity of the sewer main was exceeded when a swimming pool was drained.	650	2.25		N/A	Repair Completed	N/A
04/21/09	4213	WALROCK LANE	KUW	Third Creek	12	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.17			BA	6 Months
5/14/09	200	E JACKSON AVE	KUW	First Creek	30	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	900	Intermittent over several weeks		N/A	Repair Completed	N/A
05/20/09	5508	LAKESHORE DRIVE	KUW	Knob Creek	41	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1	0.017		N/A	N/A	N/A
05/24/09	4304	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	4016	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		N/A	BA	1 Month
09/25/09	3001	GINN BROOKE LANE	KUW	South Knoxville	47	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	100	120 Intermittently		Construction Completed	N/A	N/A
09/26/09	2725	E GOVERNOR JOHN SEVIER HWY	LC	Loves Creek	60	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Construction Completed	N/A	N/A
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		Construction Completed	N/A	N/A
10/10/09	4111	BRUHN 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
10/13/09	3605	GARDEN DRIVE	KUW	First Creek	3	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the 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
01/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	Lateral Cleanout and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	1000	1		N/A	BA	6 Months
02/03/10	5401	GREENCREST ROAD	KUW	First Creek	1	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	15	1		N/A	BA	6 Months
02/26/10	1127	MAGNET PLACE	KUW	Williams Creek	31	Building Backup		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	33	2		N/A	BA/Grease Control	6 Months
02/26/10	4337	FOUNTAIN DRIVE	KUW	Third Creek	13	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1	0.02		N/A	N/A	N/A
03/29/10	319	ECHODALE LANE	KUW	South Knoxville	41	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	0.5		NA	Repair Completed	NA
03/30/10	2924	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	15	0.05		N/A	N/A	N/A
04/05/10	2920	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1	0.02		N/A	N/A	N/A
04/09/10	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	Private Property and Building Backup	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	950	15		N/A	BA	12 Months
05/03/10	1709	FAIRMONT BOULEVARD	KUW	First Creek	16	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	6 Months
05/03/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4 and Building Backup	✓	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	940	1.5		N/A	Repair Completed / BA	12 Months
05/03/10	6421	SHETLAND DRIVE	KUW	South Knoxville	41	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	10	1		N/A	Repair Completed	NA
05/17/10	223	BERNARD AVENUE	KUW	Second Creek	23	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	20	4		N/A	Repair Completed	N/A
05/24/10	1316	CASSELL DRIVE	KUW	Second Creek	10	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1.5	0.017		N/A	N/A	N/A
07/16/10	1700	CLINCH AVENUE	KUW	Second Creek	35a	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	500	4		N/A	Repair Completed	N/A
07/22/10	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	500	3		N/A	BA	6 Months
11/07/10	1808	BRADSHAW GARDEN ROAD	KUW	Third Creek	13	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	5	1		N/A	BA	6 Month
11/09/10	735	REED STREET	KUW	Third Creek	22	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	50	2.25		N/A	BA	6 Month
12/06/10	541	WOODLAWN PIKE	KUW	South Knox	40	Building Backup		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	500	5		NA	Repair Completed	N/A
02/02/11	2101	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	50	0.25		N/A	Repair Completed	N/A
02/07/11	800	TYSON STREET	KUW	Second Creek	23	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	1100	Unknown		N/A	Repair Completed	N/A
02/28/11	445	BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
02/28/11	1912	PARIS ROAD	KUW	Third Creek	13	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	30	0.5		Construction Completed	N/A	N/A
02/28/11	143	SOUTH VAN GILDER STREET	KUW	First Creek	24	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	5	0.5		Construction Completed	N/A	N/A
02/28/11	3218 & 3220	AVONDALE AVENUE	KUW	First Creek	8	MH 22-33, Broken Lateral, and Building Backup	✓	Blockage - Grease. The sewer main was flushed & area was cleaned.	1500	3		N/A	BA/Grease Control	12 Months
03/02/11	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	40	1		N/A	Repaired Completed	N/A
03/04/11	2111 & 2115	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	1100	1	✓	Construction Completed	N/A	N/A
03/04/11	4317	HIAWATHA DRIVE	KUW	Third Creek	38	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	40	1		Construction Completed	N/A	N/A
03/22/11	4924	LONAS ROAD	FC	Fourth Creek	33	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	200	1.5		N/A	Repair Completed	N/A
03/24/11	205	WEST BAXTER AVENUE	KUW	Second Creek	23	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	200	1		N/A	Repair Completed	N/A
04/07/11	3526	BUFFAT MILL ROAD	KUW	First Creek	18	MH 65-19 and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	12 Months
04/30/11	445	BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	10	0.5	✓	Construction Completed	N/A	N/A
06/24/11	2111	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	200	1	✓	Construction Completed	N/A	N/A
06/24/11	3619	ESSARY DRIVE	KUW	First Creek	1	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	1550	1.5		Future Construction Planned	N/A	N/A
06/24/11	2300	GREENFIELD LANE	KUW	First Creek	18	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Future Construction Planned	N/A	N/A
07/13/11	719	E LAKE FOREST DRIVE	KUW	Knob Creek	41	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	225	0.083		N/A	Repair Completed	N/A
08/25/11	4209	CHINKAPIN LANE	KUW	Third Creek	11	Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.	100	1		N/A	BA/Grease Control	12 Months
09/01/11	6235	RUTLEDGE PIKE	LC	Loves Creek	105	Grinder Pump and Building Backup	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	20	1		N/A	Repair Completed	N/A
12/10/11	5209	MURPHY ROAD	KUW	First Creek	2	Residential Grinder Pump and Building Backup	✓	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	30	2		N/A	Repair Completed	N/A
12/22/11	5733	WILKERSON ROAD	KUW	Third Creek	9	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	310	4		N/A	BA	12 Months
12/24/11	5347	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump and Building Backup	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	5	1		N/A	Repair Completed	N/A
12/29/11	4525	OLD KINGSTON PIKE	KUW	Third Creek	34	Building Backup		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	50	3		N/A	Repair Completed	N/A
1/25/2012	310	KENSI DRIVE	KUW	Second Creek	10	Lateral Cleanout and Building Backup	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		N/A	BA	6 Month
3/7/2012	312	NINETEENTH STREET	KUW	Third Creek	29	Floor Drain and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	35	0.75		N/A	BA	9 Month
4/3/2012	3819	GLENFIELD DRIVE	KUW	Third Creek	38	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	10	0.25		N/A	Repair Completed	N/A
4/20/2012	616	LUTTRELL STREET	KUW	First Creek	24	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A
6/9/2012	5034	ROWAN ROAD	KUW	Second Creek	5	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.5		N/A	BA	12 Month
8/17/2012	524	BEN HUR AVENUE	KUW	Williams Creek	25	Broken Lateral and Building Backup	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Month
9/18/2012	702	E INSKIP ROAD	KUW	First Creek	7	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	30	1		N/A	Repair Completed	N/A
9/18/2012	4824	HORSESTALL DRIVE	KUW	First Creek	2	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	10	1		N/A	Repair Completed	N/A
9/19/2012	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump and Building Backup	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	103	1	✓	Construction Completed	N/A	N/A
9/25/2012	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump and Building Backup	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	25	0.33	✓	Construction Completed	N/A	N/A
10/16/2012	1001	101, 102, & 103	FC	Fourth Creek	42	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	10	1		N/A	Repair Completed	N/A
11/8/2012	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump and Building Backup	✓	Grinder Pump Failure. Pump was repaired & the area was cleaned.	4	1	✓	Construction Completed	N/A	N/A
12/2/2012	6220	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	1	0.5		N/A	BA	9 Month
12/3/2012	3839	DEBONAIR DRIVE	KUW	Third Creek	9	Building Backup		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	15	1		N/A	Repair Completed	N/A
12/3/2012	3843	DEBONAIR DRIVE	KUW	Third Creek	9	Building Backup		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	10	1		N/A	Repair Completed	N/A
12/17/2012	2423	CECIL AVENUE	KUW	First Creek	18	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	3	0.25		N/A	Repair Completed	N/A
12/18/2012	6412	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	20	0.5		N/A	BA	6 Month
12/20/2012	3006	CORAM STREET	KUW	Second Creek	14	MH 10-27, Lateral Cleanout @ 222 Radford Place and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	1,550	2		N/A	BA	6 Month

2003-2012 SSOER with Building Backups

Date	Street #	Street	Plant	Watershed	Basin	Backup Location	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	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	1550	1.5		Future Construction Planned	N/A	N/A
02/03/10	5401	GREENCREST ROAD	KUW	First Creek	1	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	15	1		N/A	BA	6 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
9/18/2012	4824	HORSESTALL DRIVE	KUW	First Creek	2	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	10	1		N/A	Repair Completed	N/A
12/10/11	5209	MURPHY ROAD	KUW	First Creek	2	Residential Grinder Pump and Building Backup	✓	Construction Failure - Grinder Pump. Pump was reinstated & the area was cleaned.	30	2		N/A	Repair Completed	N/A
10/13/09	3605	GARDEN DRIVE	KUW	First Creek	3	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.25		N/A	Repair Completed	N/A
6/9/2012	5034	ROWAN ROAD	KUW	Second Creek	5	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	10	0.5		N/A	BA	12 Month
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
06/10/09	4016	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
9/18/2012	702	E INSKIP ROAD	KUW	First Creek	7	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	30	1		N/A	Repair Completed	N/A
05/24/09	4304	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
02/28/11	3218 & 3220	AVONDALE AVENUE	KUW	First Creek	8	MH 22-33, Broken Lateral, and Building Backup	✓	Blockage - Grease. The sewer main was flushed & area was cleaned.	1500	3		N/A	BA/Grease Control	12 Months
12/3/2012	3839	DEBONAIR DRIVE	KUW	Third Creek	9	Building Backup		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	15	1		N/A	Repair Completed	N/A
12/3/2012	3843	DEBONAIR DRIVE	KUW	Third Creek	9	Building Backup		Broken System - Protruding Lateral. Lateral was trimmed & the area was cleaned.	10	1		N/A	Repair Completed	N/A
12/22/11	5733	WILKERSON ROAD	KUW	Third Creek	9	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	310	4		N/A	BA	12 Months
10/10/09	4111	BRUJIN 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
05/24/10	1316	CASSELL DRIVE	KUW	Second Creek	10	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1.5	0.017		N/A	N/A	N/A
1/25/2012	310	KENSI DRIVE	KUW	Second Creek	10	Lateral Cleanout and Building Backup	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	325	2		N/A	BA	6 Month
08/25/11	4209	CHINKAPIN LANE	KUW	Third Creek	11	Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.	100	1		N/A	BA/Grease Control	12 Months
02/01/09	4413	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
12/2/2012	6220	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	1	0.5		N/A	BA	9 Month
12/18/2012	6412	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	20	0.5		N/A	BA	6 Month
03/15/09	4726 & 4728	BALL CAMP PIKE	KUW	Third Creek	12	Building Backup		Blockage - Grease. The sewer main was flushed & area was cleaned.	375	0.5		N/A	BA/Grease Control	1 Month
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	B A	12 Months
04/21/09	4213	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
11/07/10	1808	BRADSHAW GARDEN ROAD	KUW	Third Creek	13	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	5	1		N/A	BA	6 Month
02/26/10	4337	FOUNTAIN DRIVE	KUW	Third Creek	13	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1	0.02		N/A	N/A	N/A
02/28/11	1912	PARIS ROAD	KUW	Third Creek	13	Building Backup		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	MH 10-27, Lateral Cleanout @ 222 Radford Place and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	1,550	2		N/A	BA	6 Month
11/8/06	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	200	1.5		N/A	Repair Completed	N/A
07/22/10	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	500	3		N/A	BA	6 Months
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
02/02/11	2101	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	50	0.25		N/A	Repair Completed	N/A
06/24/11	2111	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	200	1	✓	Construction Completed	N/A	N/A
03/04/11	2111 & 2115	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	1100	1	✓	Construction Completed	N/A	N/A
05/03/10	1709	FAIRMONT BOULEVARD	KUW	First Creek	16	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	6 Months
10/08/08	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	200	1		N/A	BA/Grease Control	6 Months
03/02/11	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	40	1		N/A	Repaired Completed	N/A
04/07/11	3526	BUFFAT MILL ROAD	KUW	First Creek	18	MH 65-19 and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	300	4		N/A	BA	12 Months
12/17/2012	2423	CECIL AVENUE	KUW	First Creek	18	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	3	0.25		N/A	Repair Completed	N/A
06/24/11	2300	GREENFIELD LANE	KUW	First Creek	18	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	50	1		Future Construction Planned	N/A	N/A
03/17/09	2860	LINDEN AVENUE	KUW	Williams Creek	19	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	1	0.02		N/A	BA/Grease Control	3 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
11/09/10	735	REED STREET	KUW	Third Creek	22	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	50	2.25		N/A	BA	6 Month
05/17/10	223	BERNARD AVENUE	KUW	Second Creek	23	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	20	4		N/A	Repair Completed	N/A
02/07/11	800	TYSON STREET	KUW	Second Creek	23	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	1100	Unknown		N/A	Repair Completed	N/A
03/24/11	205	WEST BAXTER AVENUE	KUW	Second Creek	23	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	200	1		N/A	Repair Completed	N/A
4/20/2012	616	LUTTRELL STREET	KUW	First Creek	24	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	5	0.5		N/A	Repair Completed	N/A
02/28/11	143	SOUTH VAN GILDER STREET	KUW	First Creek	24	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	5	0.5		Construction Completed	N/A	N/A
8/17/2012	524	BEN HUR AVENUE	KUW	Williams Creek	25	Broken Lateral and Building Backup	✓	Blockage - Debris. The sewer main was flushed & area was cleaned.	60	2		N/A	BA	6 Month
01/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	Lateral Cleanout and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	1000	1		N/A	BA	6 Months
3/18/02	5816	HOLSTON HILLS RD	LC	Loves Creek	26	Building Backup		Blockage - Debris. The sewer main was flushed & area was cleaned.	N/A	N/A		N/A	BA	12 Months
12/10/08	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup		Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	50	1		N/A	Repair Completed	N/A
05/03/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4 and Building Backup	✓	Pump Station - Electrical Failure. Electricity was restored & the area was cleaned.	940	1.5		N/A	Repair Completed / BA	12 Months
04/05/10	2920	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	1	0.02		N/A	N/A	N/A
03/30/10	2924	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	15	0.05		N/A	N/A	N/A
3/7/2012	312	NINETEENTH STREET	KUW	Third Creek	29	Floor Drain and Building Backup	✓	Blockage - Roots. The sewer main was flushed & area was cleaned.	35	0.75		N/A	BA	9 Month
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		N/A	BA	1 Month
5/14/09	200	E JACKSON AVE	KUW	First Creek	30	Building Backup		Construction Failure - Unconnected Lateral. The lateral was repaired & the area was cleaned.	900	Intermittent over several weeks		N/A	Repair Completed	N/A
02/26/10	1127	MAGNET PLACE	KUW	Williams Creek	31	Building Backup		Blockage - Grease and Roots. The sewer main was flushed & area was cleaned.	33	2		N/A	BA/Grease Control	6 Months
03/22/11	4924	LONAS ROAD	FC	Fourth Creek	33	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	200	1.5		N/A	Repair Completed	N/A
12/29/11	4525	OLD KINGSTON PIKE	KUW	Third Creek	34	Building Backup		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	3819	GLENFIELD DRIVE	KUW	Third Creek	38	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned.	10	0.25		N/A	Repair Completed	N/A
03/04/11	4317	HIAWATHA DRIVE	KUW	Third Creek	38	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	40	1		Construction Completed	N/A	N/A
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	BA	6 Months
02/28/11	445	BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	Unknown	Unknown	✓	Construction Completed	N/A	N/A
04/30/11	445	BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	10	0.5	✓	Construction Completed	N/A	N/A
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		Construction Completed	N/A	N/A
12/06/10	541	WOODLAWN PIKE	KUW	South Knox	40	Building Backup		Broken System - Broken Gravity Main. The sewer main was repaired & the area was cleaned.	500	5		NA	Repair Completed	N/A
07/13/11	719	E LAKE FOREST DRIVE	KUW	Knob Creek	41	Building Backup		Construction Failure - Bypass pumping failure. The area was cleaned.	225	0.083		N/A	Repair Completed	N/A
03/29/10	319	ECHODALE LANE	KUW	South Knoxville	41	Building Backup		Blockage - Roots. The sewer main was flushed & area was cleaned.	5	0.5		NA	Repair Completed	NA
05/20/09	5508	LAKESHORE DRIVE	KUW	Knob Creek	41	Building Backup		Construction Failure - Sewer Main Flushing. The area was cleaned						

2003-2012 SSOER with Building Backups

Date	Street #	Street	Plant	Watershed	Basin	Backup Location	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
01/25/08	2446	MARTIN L. KING JR. AVE	KUW	Williams Creek	19	Building Backup		The contractor did not re-establish the service connection after a rehabilitation project.	450	Unknown		N/A	Repair Completed	N/A
02/04/08	3500	ARGYLE DRIVE	LC	Loves Creek	26	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	2	0.5		N/A	BA	6 Months
07/08/08	102	LAKEVIEW DRIVE	KUW	Knob Creek	41	Building Backup		Failure by contractor to reinstate the service connection after sewer rehabilitation.	94	Unknown		N/A	Repair Completed	N/A
08/07/08	2428	LAWSON AVENUE	KUW	First Creek	17	Building Backup		A plug failure occurred during a post-construction pipe pressure test by the contractor.	3	0.001		N/A	Repair Completed	N/A
11/01/08	4707	SEMINOLE ROAD	KUW	First Creek	7	Building Backup		The sewer main was flushed to remove the blockage caused by grease and roots.	50	1.5		N/A	BA/Grease Control	3 Months
11/15/08	3321	GODFREY STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	100	5.25		Future Construction Planned	N/A	N/A
12/22/08	105	SOUTH GAY STREET	KUW	First Creek	30	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	10	0.5		N/A	BA	6 Months