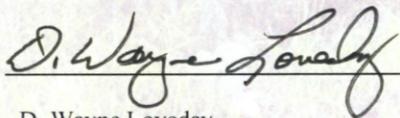


2003-2010 Sanitary Sewer Overflow Evaluation Report

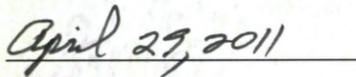
Including Building Backups and Trend Analysis

Submitted to EPA on April 29, 2011

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.



D. Wayne Loveday



Date



Executive Summary

2003-2010 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 2003-2010 SSOER is an assessment of the sanitary sewer overflows (SSOs), including building backups that occurred between January 2003 and December 2010. 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 2006) have been removed from the lists but remain a part of the Gravity Line Preventive Maintenance Program. The locations that were removed for that reason are included on separate spreadsheets. This trend analysis goes back to 2003 to represent progress made since the beginning of PACE 10. However, the 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 72 percent decrease in the number of SSOs, including building backups, in our collection system since 2003. This decrease in total events can be attributed to a significant amount of rehabilitation or replacement (160 miles) of sewer main and the completion of over 148 projects, including four wet-weather storage tanks with 22 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 in both 2009 and 2010 can be attributed to the influence of rainfall. The 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). In January of 2010 our service area received an additional six inches of rain when the ground was already saturated from six inches of rain in December. These soil moisture conditions helped produce 16 SSOs at the very start of the 2010, and these 16 overflows represent almost 50 percent of the wet-weather SSOs reported for the entire year.

KUB's wastewater storage facilities at Lower First Creek, Upper First Creek, Third Creek, and Walker Springs operated a combined total of 41 times in 2010 (an average of about 10 times each), containing over 82 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. As a part of the Composite Correction Plan, two peak-flow facilities are being constructed to mitigate the impact that wet-weather flows have on the Kuwahee Wastewater Treatment Plant. The first located at Bernard Avenue will be operational in June 2011. Construction of the second facility located at the plant itself began in December 2009. The Lower Third Creek tank will also be completed in June 2011.

There has also been a 77 percent decrease in building backups since 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 laterals in addition to the main in response to problems on property. Those inspections are now used as enforcement for the Private Lateral Program in addition to post-rehabilitation inspection of private sewer laterals.

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.

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:** The causes of SSOs are inflow and infiltration (I&I) from rain or flooding and blockages caused by grease buildup, roots, or debris. This column lists immediate actions KUB took in response to the SSO, such as repairing 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 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.
 - Completed: Construction has been completed
 - Current Construction: Work (engineering design and construction) is under way at the time of this report
 - Future Five-Year Plan: 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, chemical 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:** The causes of backups are inflow and infiltration (I&I) from rain or flooding and blockages caused by grease buildup, roots, or debris. This column lists immediate actions KUB took in response to the backup, such as repairing the line, 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 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.
 - Completed: Construction has been completed
 - Current Construction: Work (engineering design and construction) is under way at the time of this report
 - Future Five-Year Plan: 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, chemical 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.

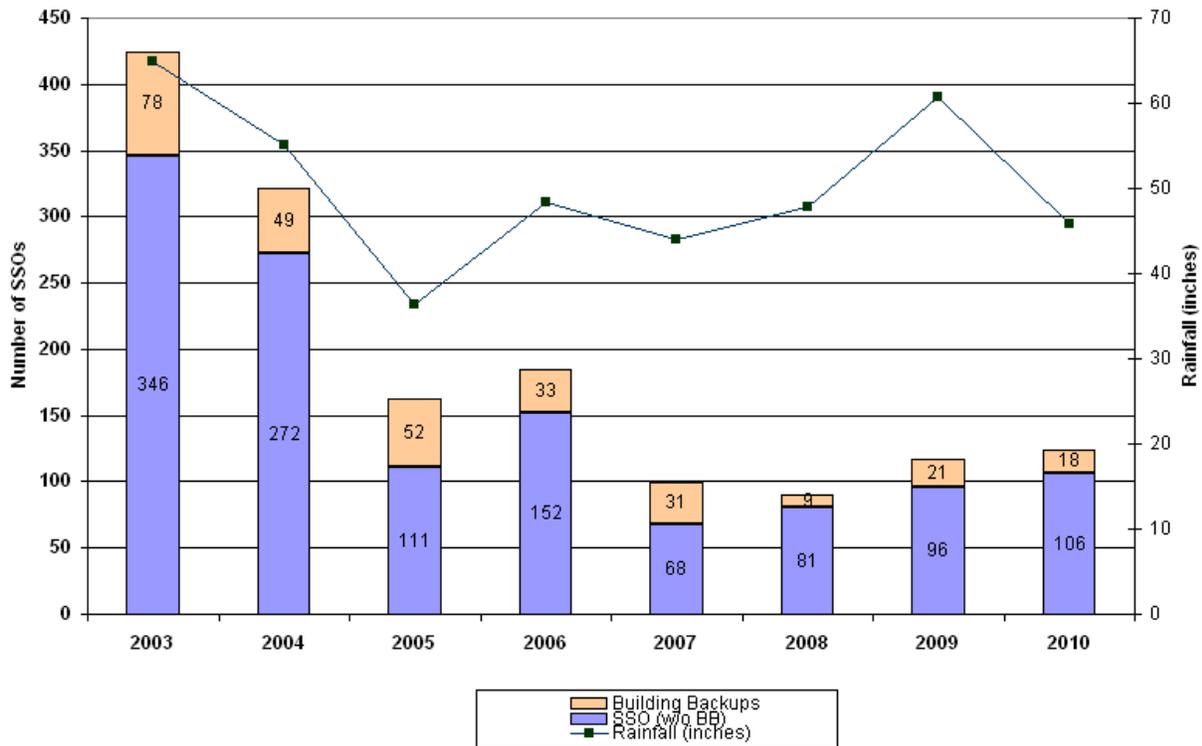
2003-2010 SSO and Building Backup Report Trend Analysis

The information contained in the SSOER and Building Backup Report 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
(including Building Backups)**



Annual Sanitary Sewer Overflow Totals

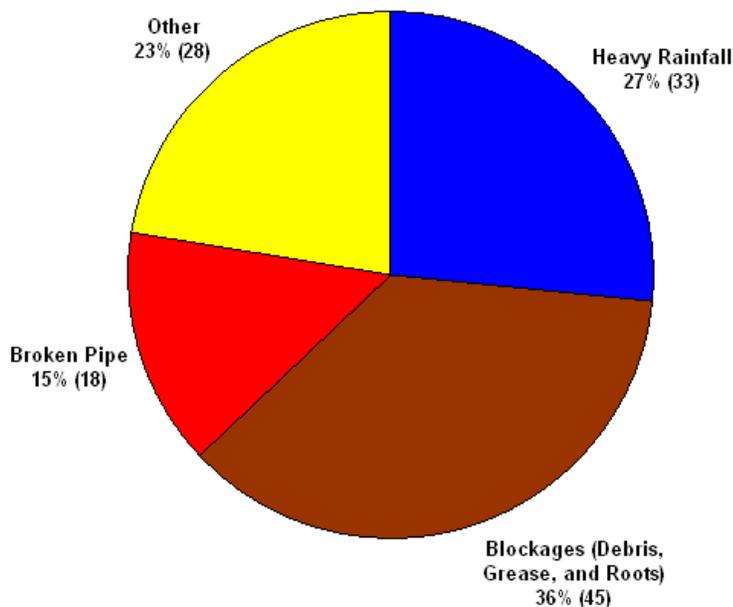
Figure 1 illustrates the overall significant decline in sanitary sewer overflows, including building backups over the last eight years. The slight increase in 2006 relative to the previous year can be attributed to a three-day period of rain in September. During this event, rain gauges across our service territory recorded between 4.39 and 5.88 inches of rain. This event, which 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 exceeded 60 inches. This amount of annual rainfall had not occurred since 2003 when the area received 65 inches of rain throughout the year, but in 2009 only 29 wet-weather SSOs occurred compared to over 200 in 2003.

In 2010 there were a total of 124 SSOs, including building backups. Thirty-three of those were wet-weather overflows, which represent 27 percent of the total. The increase in wet-weather overflows can also be attributed to the influence of total rainfall from 2009 – 2010 being higher than the two years prior to this period. As mentioned previously, 16 of the wet-weather occurrences in 2010 resulted at the beginning of the year when the area had already received over 12 inches of rain in the prior 60-day period.

There were 91 dry-weather SSOs, including building backups, in 2010. Although blockage related SSOs decreased from 53 in 2009 to 45 in 2010, there were 11 more dry-weather occurrences involving broken pipe in 2010. Overall, the percentage of dry-weather SSOs stayed at approximately 74 percent relative to 2009.

Figure 2
KUB Causes of SSOs in 2010
(Including Building Backups)



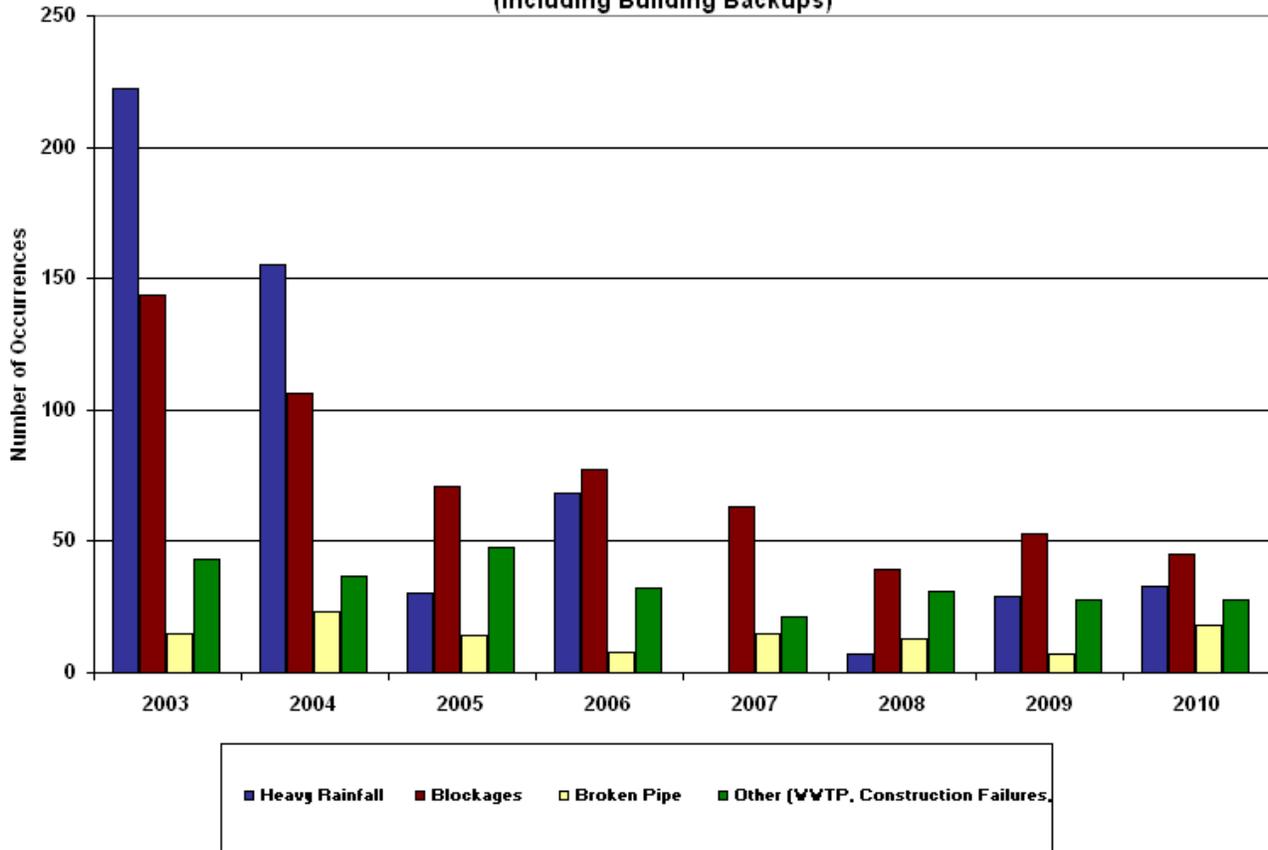
Causes of Sanitary Sewer Overflows

Figure 2 presents a comparison of SSOs 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, Flushing Operations, Grinder Pump Failure, Vandalism, WWTP, and Pump Stations).

The SSOs for 2010 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
Sanitary Sewer Overflow Causes
(Including Building Backups)



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 almost 70 percent since 2003. Blockage-related events decreased from 53 in 2009 to 45 in 2010. Blockage related SSOs can be influenced by rainfall, especially with increased collection system flows following an extended dry period. This is seen in the slight increases in 2006 and 2009 relative to the previous years. There were at least 10 blockage-related events in 2009 that occurred in conjunction with higher flows and seven in 2010. Grease and debris tend 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.

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 200 miles of sewer main, as compared to 117 miles in 2003.

Along with the BA Program, KUB's successful Grease Control Program has also played a role in the decrease in blockage-related SSOs over time. Grease related SSOs dropped from 16 in 2009 to 12 in 2010.

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 2010 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. Heavy rainfall in February 2003, which resulted in flooded roads, homes, and businesses, caused rainfall derived inflow and infiltration (RD I/I) to exceed system capacity and led to 115 SSOs. These SSOs accounted for over 50 percent of occurrences reported for that year. A similar situation occurred again in 2006 due to a three-day period of rain from September 22-24. During this event, rain gauges across our service territory recorded between 4.39 and 5.88 inches of rain, with one-day (24 hour) totals above 3.5 inches. PACE 10 improvement projects reduced the impact during this rainfall event. This period produced 33 rainfall-related overflows, which represented 22 percent of the SSOs that occurred in 2006, but significantly fewer overflows than experienced in February 2003.

Following the 2007 drought year during which no events were caused by heavy rainfall, normal rainfall in 2008 caused seven events.

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. Rainfall exceeding three inches in 24 hours in January 2009 produced 15 wet-weather related events, notably less than the 33 overflows observed under similar conditions in 2006. Another similar rainfall in September produced seven events. These intense rainfall conditions exceeded a two-year 24-hour storm return period and produced 22 overflows total.

There were 33 overflows as a result of heavy rainfall in 2010. The increase in wet-weather overflows can also be attributed to the influence of total rainfall from 2009 – 2010 being higher than the two years prior to this period. The soil in January 2010 was saturated due to the amount of rainfall received (12.02 inches) within the 60 days prior.

This wetter period produced high antecedent soil moisture conditions, which combined with a large rain event beginning on January 24, 2010, produced 12 overflows. (See Figure 4) There was another significant rain 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 that resulted in nine wet-weather related overflows at the end of the year. These two rain events accounted for 64 percent of the wet-weather events in 2010. Improvements already made in the collection system have dramatically decreased the effects from rainfall patterns and antecedent soil moisture conditions.

Figure 4. Dry- & Wet-Weather SSOs, October 2009 – December 2010

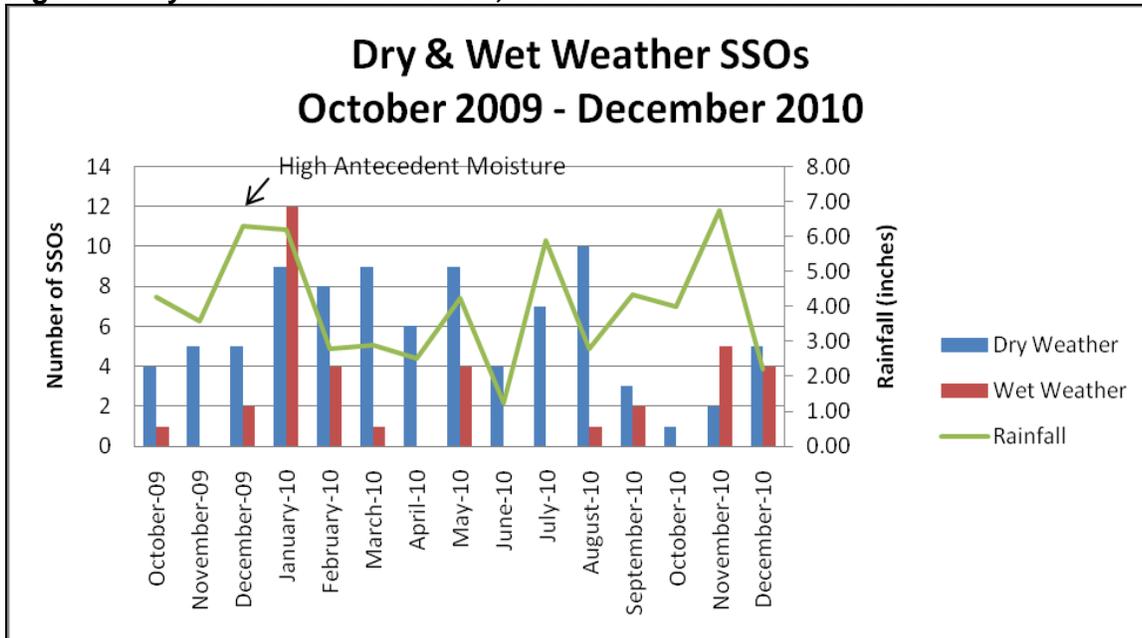


Table 1 compares the number of SSOs occurring during rainfall events associated with antecedent soil moisture conditions and clearly illustrates the effects from improvements within our system.

Table 1. Wet-Weather Event Comparison

Event Period	Amount of Rainfall (inches)					Wet Weather SSOs
	1 Day	3 Day	5 Day	30 Day	60 Day	
Dec 6 -10, 2004	2.07	2.58	3.99	9.87	15.53	45
Jan 24 - 27, 2010	2.39	2.48	4.18	5.24	12.02	12
Nov 29 - Dec 5, 2010	2.35	2.97	3.52	5.91	10.94	9
Dec 31 - Jan 1, 2011	2.4	2.52	2.52	4.16	10.9	4

Overall, overflows due to heavy rainfall have decreased 85 percent since 2003. This significant decrease can be attributed to the success of line replacement, rehabilitation projects, and the construction of storage facilities. The use of the four storage tanks during heavy rainfall events reduces the number of overflow events at chronic sites and elsewhere in the system downstream of the tanks. Collectively these tanks retained 82 million gallons of wastewater in 2010. As a part of the Composite Correction Plan, the construction of two peak-flow facilities will mitigate the impact that wet-weather flows have on the Kuwahee Wastewater Treatment Plant. The Bernard Avenue tank and Lower Third Creek tank will be operational in June 2011.

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 increased by 47 percent from 2006 to 2007, which was likely due primarily to drought conditions. Dry ground can shift abruptly and weaken pipe joints. There was a 13 percent decrease from 2007 to 2008 and a 69 percent decrease from 2008 to 2009. A total of 18 SSOs resulted from broken pipes within our system in 2010. This includes an increase of 11 relative to 2009. KUB continues to proceed with a significant amount of system rehabilitation and main line replacement to keep occurrences related to broken pipes low. Over 160 miles of pipe have been rehabilitated since the beginning of the PACE 10 program.

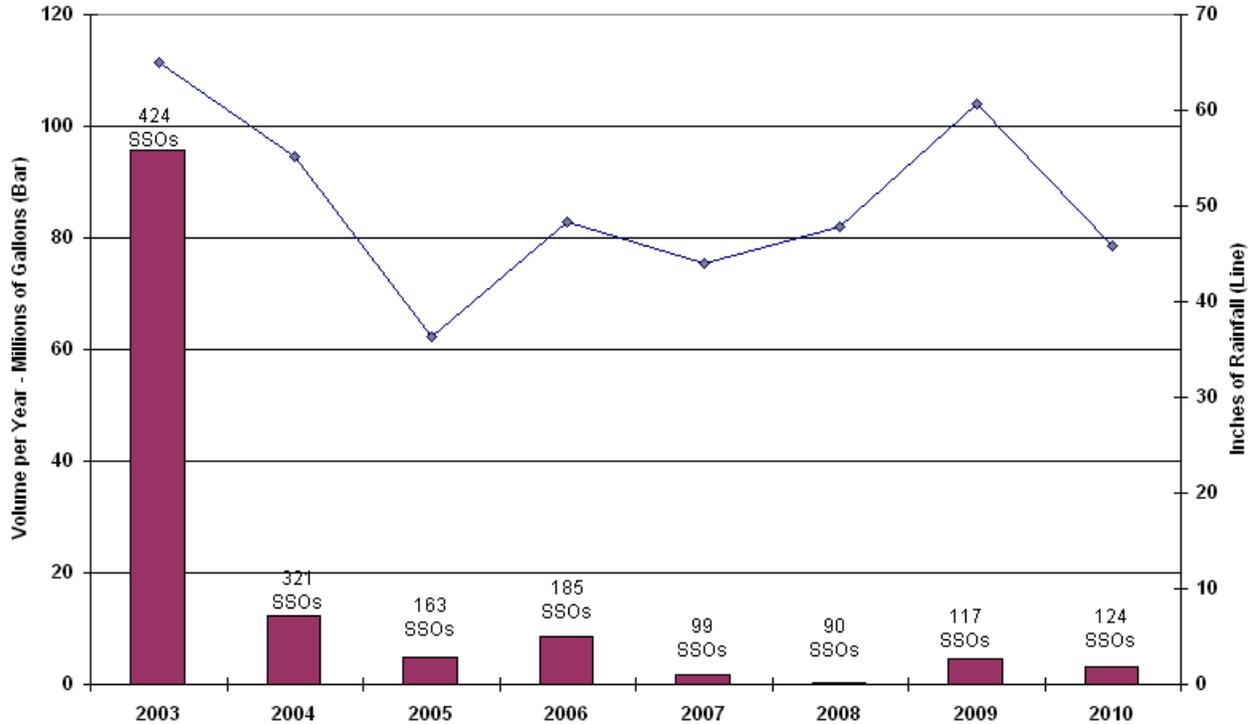
Other

Construction failures, flushing operations, grinder pump failure, WWTP, and pump station issues are the primary drivers in this category. This includes dig-ins by contractors, construction failures due to contractors, failures of pump-around efforts, and electrical/mechanical failures at pumping facilities or WWTPs.

As Figure 3 indicates 'Other' causes decreased after 2005 on average about 50 percent, but remained somewhat flat in recent years. KUB continues to look closely at the specific causes within this category to eliminate SSOs, whenever possible. This past year 13 SSOs were caused by grinder pump failures. Ten of these events occurred within the same subdivision. As a result, the valves were replaced on all the pumps within this area to prevent additional occurrences. The maintenance schedule for grinder pumps was also reviewed and has been improved. All 140 KUB-owned grinder pumps in our service area will be assessed in 2011 and put on a more aggressive maintenance schedule.

Figure 5.A

**Total SSO Volume per Year
(Including Building Backups)**



Sanitary Sewer Overflow Volumes

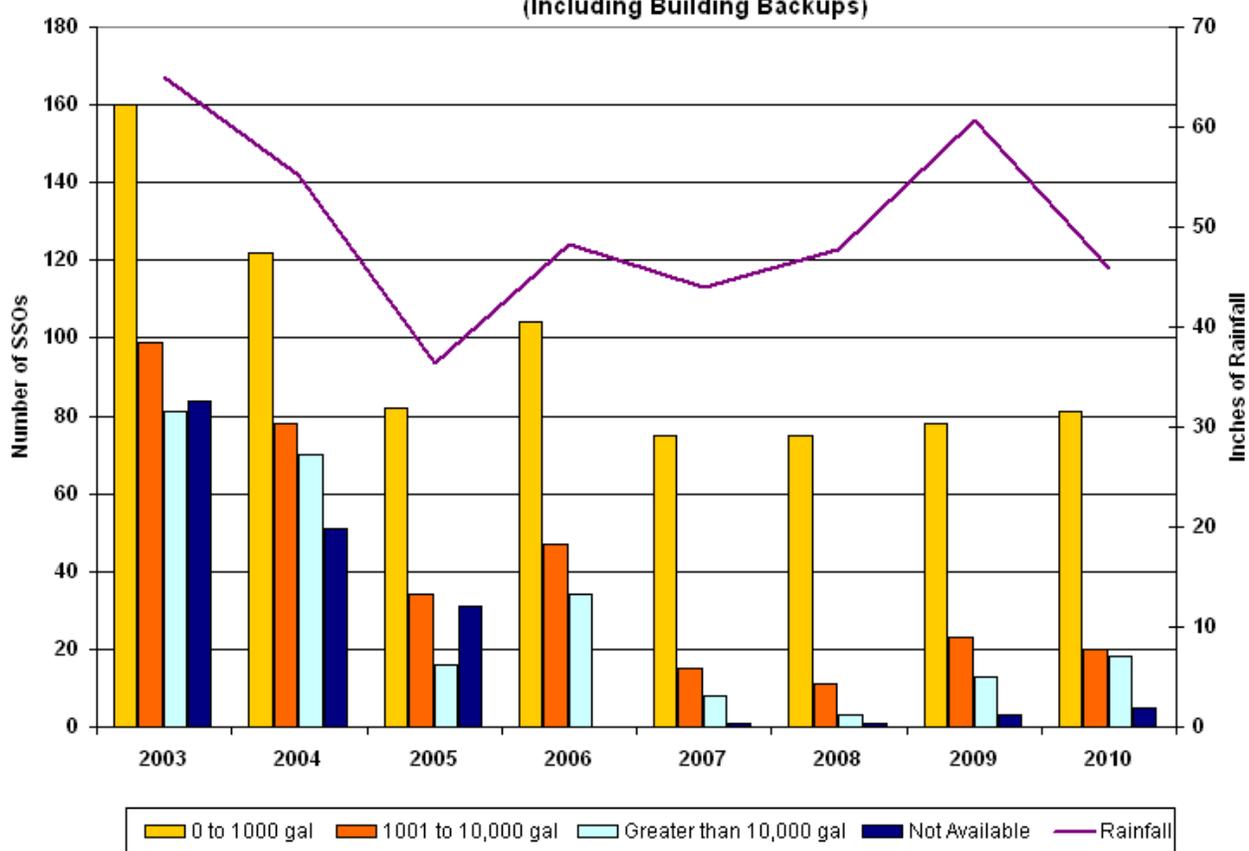
Figures 5.A and 5.B represent the SSO volumes between 2003 and 2010. For Figure 5.B, the SSO volumes were grouped into four volume ranges:

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

The last range describes events for which volume information was not available or was not recorded, such as for building backups.

Total volumes have decreased significantly since 2003, by over 95 percent. 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 in 2009 and 2010 was a result of increased rainfall, although the total for 2010 was 30 percent lower than the previous year. It is important to note that KUB attempts to recover as much volume as possible during each event and respond to overflows as quickly as possible, which results in lower discharge volumes. Also, the use of KUB's four new 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 5.B
Sanitary Sewer Overflow Volumes
(Including Building Backups)



The SORP, updated in 2009, 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 all of the years, this smallest volume range accounted for the most SSO events and more than half of these resulted in volumes less than 500 gallons in 2009. Most of these events were related to blockages 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 similar to the 0 to 1000 gallons trend.

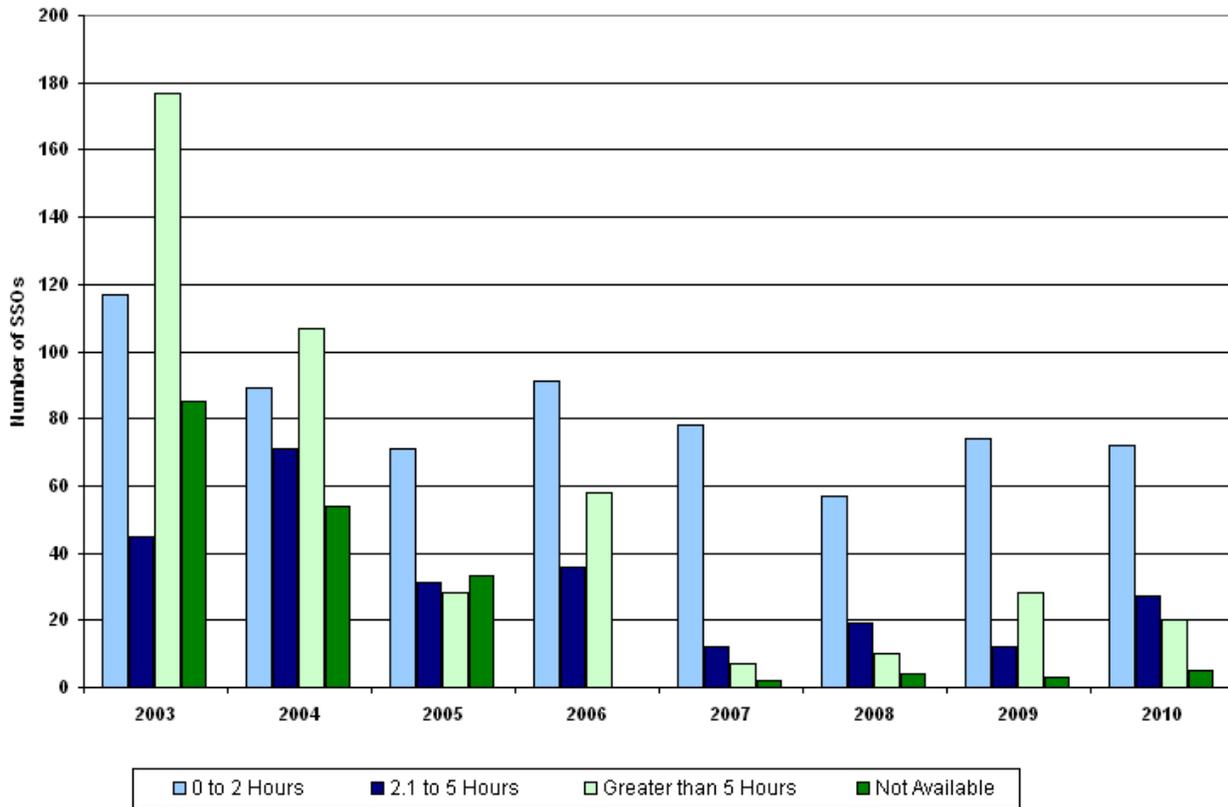
Greater than 10,000 gallons

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 and 2010 can be related to the increase in rainfall totals, but the volumes were still substantially reduced by the use of the four storage tanks.

Not Available (N/A)

This volume range represents the volume estimations that responders were either not able to calculate or were not required to calculate according to KUB's record-keeping practices. KUB has not recorded the volume related to building backups. Under KUB's revised SORP, crews calculate volumes for both overflows and building backups, where sufficient data is available. There were five cases in 2010 where the total could not be estimated because the overflow had occurred at some point in the past and was not detected until the overflow had stopped. Situations where the overflow is discovered at a later date do not always allow a volume estimate to be calculated.

Figure 6
Sanitary Sewer Overflow Durations
(Including Building Backups)



Sanitary Sewer Overflow Durations

Figure 6 represents the SSO durations between 2003 and 2010. 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.

The last category describes events for which duration information was not available or was not recorded, such as for building backups.

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 2010, the

increased response time directed by the SORP is evident. The 2010 Annual MOM Progress Report showed that our average response time for SSOs was 37 minutes, which was down from 47 in 2008. KUB currently has 26 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 Sewer Overflow Response Plan (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 60 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.

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 and 2010 given the rainfall conditions.

Not Available (N/A)

This category captures the durations for which responders were either not able to document or were not required to document according to KUB's record-keeping practices. Over 90 percent of the occurrences each year were related to building backups. Under KUB's revised SORP, crews document durations for both overflows and building backups, where sufficient data is available. There were five cases in 2010 where the time was unknown because the overflow had occurred at some point in the past and was not detected until the overflow had stopped. 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

2010 Unpermitted Discharge Data and Analysis

Appendix A lists any SSO in 2010 that resulted in an unpermitted discharge along with its cause, volume, and one- and three-day rainfall totals. Figure 7 summarizes events impacted by factors that were difficult to control or events that had minimal impact on the environment due to their low volume.

Figure 7

Category	Count
Mech/Elec. Failure	4
Vandalism	0
3-day rain > 4 in.	0
1-day > 3 in.	0
501 gal <Vol <1000 gal	5
Vol < 500 gal.	7

Four discharges were caused by electrical failures during storm events. Improvements to backup power sources continue to minimize storm related problems due to wind and lightening. Most KUB facilities currently have sufficient backup power and an additional backup source is being designed for the WWTPs as part of the Composite Correction Plan. The project to provide an additional backup source (diesel generator) was been completed at the Kuwahee WWTP in December 2010.

A significant decline in unpermitted discharges has also occurred over the last five years due to the completion of PACE 10 projects and KUB's ongoing system maintenance. KUB is ahead of schedule and has already assessed almost 70 percent of its system. Rehabilitation or replacements have occurred in over 10 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 2010 MOM Progress Report, is also a major contributor to this decline and will continue to be important to further reduce dry-weather related events.

2001-2010 SSOER

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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
5/22/01		GINNBROOKE LIFT STATION	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
6/25/01		GINNBROOKE LIFT STATION	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
6/29/01		GINNBROOKE LIFT STATION	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
7/29/01		GINNBROOKE LIFT STATION	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
1/24/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,000,000	20.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
1/25/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	50,000	2.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
3/17/02		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	1,916,000	2	✓	N/A	Repair Completed
3/17/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	Unknown	Unknown	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
3/17/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	450,000	9	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
3/18/02		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	134,000	0.13	✓	N/A	Changes to SOP and Operator Training
3/18/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	200,000	5.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
3/18/02		WOODSON DR & DEANBROOK RD	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
3/19/02	615	SEVIER AVE	KUW	South Knoxville	40	MH 1-43	BB	The sewer main was flushed to remove the blockage caused by grease and debris.	5000	8	✓	Construction Completed	BA/Grease Control
4/19/02		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		The influent gate experienced a mechanical failure of the hydraulic operating system.	569,000	2	✓	N/A	Repair Completed
5/3/02	2600	WOODSON DR	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
6/6/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	38,000	0.25	✓	Future Construction Planned (CCP Storage)	Repair Completed
7/12/02		BUD HAWKINS LIFT STATION	EB	NEKUD	101	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	1000	3	✓	N/A	Repair Completed
7/30/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	10,000	0.07	✓	Future Construction Planned (CCP Storage)	Repair Completed
8/29/02	4710	MURPHY RD	KUW	First Creek	2	Residential Pump Station		The wastewater pump station overflowed due to a mechanical failure at the station.	10	2	✓	N/A	Repair Completed
9/5/02	7712	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by roots.	180	3	✓	Construction Underway	BA
9/21/02		GINNBROOKE LIFT STATION	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
9/21/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,660,000	2.18	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
9/21/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	3000	0.25	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
9/21/02		WOODSON LIFTSTATION	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
9/22/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,300,000	1	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
9/22/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	5,700,000	4.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
10/3/02		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
10/4/02		WOODSON DR	KUW	South Knoxville	44	MH 2-1		The wastewater pump station overflowed due to an electrical failure at the station.	6000	1	✓	N/A	Repair Completed
11/11/02		GINNBROOKE LIFT STATION	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
11/13/02	7112	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by roots.	720	4	✓	Construction Underway	BA
12/5/02		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
2/14/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,600,000	1.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/14/03		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	3000	0.25	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/14/03		WOODSON DR & DEANBROOK RD	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
2/15/03		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	136,000	2	✓	N/A	Changes to SOP and Operator Training
2/15/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	11,700,000	16.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/16/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	180	2	✓	Future Construction Planned	N/A
2/16/03		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	871,000	6	✓	N/A	Changes to SOP and Operator Training
2/16/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	12,120,000	18	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/17/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,480,000	7	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/19/03	4144	OAKLAND DR	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
2/19/03	4606	UPCHURCH RD	KUW	First Creek	7	MH 45		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by swags.	90	3	✓	N/A	BA
2/21/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,320,000	2.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/22/03	203	CHILHOWEE DR	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
2/22/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	10,870,000	22.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
2/22/03	4144	OAKLAND DR	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
2/22/03		WOODSON DR & DEANBROOK RD	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
2/26/03		BUD HAWKINS LIFT STATION	EB	NEKUD	101	Wetwell		The wastewater pump station overflowed due to an electrical failure at the station.	100	0.17	✓	N/A	Repair Completed
2/27/03		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
3/8/03	4411	CYPRESS LN	KUW	South Knoxville	39	MH 62-21		The sewer main was flushed to remove the blockage caused by roots.	1440	8	✓	N/A	BA
3/9/03	7112	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by debris.	19,200	40	✓	Construction Underway	BA
3/13/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to an electrical failure at the station.	600	0.5	✓	Future Construction Planned	N/A
3/20/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	600	0.34	✓	Future Construction Planned	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
3/30/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	9000	3	✓	Future Construction Planned	N/A
3/31/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	1500	0.5	✓	Future Construction Planned	N/A
4/3/03	1215	ROCKY HILL RD	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
4/10/03	2600	KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,740,000	3	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
4/10/03		WOODSON DR	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
5/5/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,050,000	3	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
5/5/03	2600	WOODSON DR	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
5/6/03		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	26,710	8.5	✓	N/A	Changes to SOP and Operator Training
5/6/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	22,060,000	15	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
5/6/03		MARYVILLE PIKE & BLOUNT AVE	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
5/6/03		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
5/7/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	2100	2	✓	Future Construction Planned	N/A
5/7/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	19,400,000	15.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
5/11/03		WOODSON DR & DEANBROOK RD	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
5/15/03		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	1,500,000	3	✓	N/A	N/A
5/19/03	615	SEVIER AVE	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
7/2/03		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
7/9/03		FOURTH CREEK WWTP	FC	Fourth Creek	37	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	1,370,000	3.14	✓	N/A	N/A
7/10/03	3821	W BLOUNT AVE	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
7/14/03	3821	W BLOUNT AVE	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
9/9/03	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		There was a blockage in the residential grinder pump caused by a ruptured force main.	30	4	✓	N/A	Repair Completed
9/13/03	5241	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		The residential grinder pump station was repaired and returned to service.	Unknown	Unknown	✓	N/A	Repair Completed
9/21/03	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		A landscaping contractor hit and damaged the control box for the residential grinder pump.	5	1	✓	N/A	Repair Completed
11/6/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	50,000	0.72	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
11/6/03		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
11/10/03	614	SEVIER AVE	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
11/19/03		WALKER SPRINGS RD & N GALLAHER VIEW RD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	1920				

2001-2010 SSOER

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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
3/6/04	438	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
3/6/04	600	N GALLAHER VIEW RD	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
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
3/10/04	4144	OAKLAND DR	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
5/22/04	1215	ROCKY HILL RD	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
5/31/04		WOODSON DRIVE LIFT STATION	KUW	South Knoxville	44	MH 2-1		Pumpstation failure-Electrical/The pump station electrical power was restored after 1 hour and 37 minutes due to a severe thunder storm.	2400	1		Future Construction Planned	N/A
6/17/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	4675	4	✓	Future Construction Planned	N/A
6/17/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	PRIM. CLARS. 3, 4, 5 & 6		service.	2000	0.58	✓	N/A	Changes to SOP and Operator Training
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
6/25/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1080	2	✓	Future Construction Planned	N/A
6/25/04		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	11,520	4	✓	Future Construction Planned	N/A
6/25/04	438	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
6/27/04	600	N GALLAHER VIEW RD	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
7/27/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	✓	Future Construction Planned	N/A
9/10/04	409	NORTH BELLEMEADE AVE	KUW	Third Creek	28	MH 3-53		The sewer main was flushed to remove the blockage caused by grease.	180	1	✓	Construction Completed	BA/Grease Control
9/17/04	600	N GALLAHER VIEW RD	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
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
9/22/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		WWTP/There was a mechanical failure of a hydraulic system that resulted in a temporary influent gate closure.	102,483	0.5	✓	N/A	Repair Completed
9/24/04	409	NORTH BELLEMEADE AVE	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
10/19/04	409	NORTH BELLEMEADE AVE	KUW	Third Creek	28	Underground Flow		The sewer main was flushed to remove the blockage caused by grease.	2805	27	✓	Construction Completed	BA/Grease Control
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
11/24/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		Heavy influent flows caused a momentary automated gate closure.	250	0.007	✓	N/A	Changes to SOP and Operator Training
11/24/04	438	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30 & 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	7200	6	✓	Construction Completed	BA
11/24/04	600	N GALLAHER VIEW RD	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
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
11/24/04	1235	WATERCRESS DR	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by grease.	3960	8.25	✓	N/A	BA/Grease Control
11/30/04	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		There was a mechanical failure in the residential grinder pump.	5	2	✓	N/A	Repair Completed
11/30/04	4144	OAKLAND DR	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
12/1/04	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
12/1/04	600	N GALLAHER VIEW RD	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
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
12/7/04	438	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
12/7/04	600	N GALLAHER VIEW RD	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
12/7/04	4144	OAKLAND DR	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
12/7/04	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
12/9/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	85,170	41.75	✓	Future Construction Planned	N/A
12/9/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		Heavy rainfall in the area resulted in high flows in the collection system.	113,590	1.83	✓	N/A	N/A
12/9/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Tank Overflow		WWTP/The aeration splitter box overflowed due to excessive wet weather flows through the WWTP.	29,123	2.67	✓	N/A	N/A
12/9/04	438	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
12/9/04	600	N GALLAHER VIEW RD	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
12/9/04	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Heavy rainfall in the area resulted in high flows in the collection system.	400,000	2.63	✓	Construction Completed	N/A
12/9/04	409	NORTH BELLEMEADE AVE	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
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
12/9/04	304	SEVENTH AVE	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
12/11/04	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
12/11/04	4144	OAKLAND DR	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
2/10/05	5001	MALONEYVILLE RD	EB	NEKUD	101	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	1410	4	✓	Future Construction Planned	BA
2/15/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester		Foaming in the #6 digester resulted in a spill. Standard operating procedures are addressing the problem.	5500	0.5	✓	N/A	Changes to SOP and Operator Training
2/21/05	438	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
2/21/05	600	N GALLAHER VIEW RD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	26000	20	✓	Construction Completed	N/A
2/22/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester		Foaming in the #6 digester resulted in a spill. Standard operating procedures are addressing the problem.	200	0.17	✓	N/A	Changes to SOP and Operator Training
2/23/05	125	TILLERY DR	KUW	Second Creek	10	MH 16-6		The sewer main was flushed to remove the blockage caused by grease.	720	3	✓	N/A	BA/Grease Control
3/10/05	5241	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		The residential grinder pump station failed and was replaced.	20	5	✓	N/A	Repair Completed
3/22/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Filtrate Tank		The filtrate drain line was flushed to remove the blockage caused by debris.	200	0.1	✓	N/A	Changes to SOP and Operator Training
3/28/05	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		processes.	50,410	2	✓	N/A	N/A
3/28/05	438	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
4/2/05	438	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
4/2/05	600	N GALLAHER VIEW RD	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
4/2/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	9,000	1.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
4/4/05	3741	EAKERS ST	KUW	South Knoxville	40	MH 47-1		Heavy rainfall in the area resulted in high flows in the collection system.	1,200	4	✓	Future Construction Planned	N/A
4/13/05	600	N GALLAHER VIEW RD	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
4/17/05	751	MURRAY DR	KUW	Third Creek	9	Grinder Pump		There was a mechanical failure of the commercial grinder pump. The pump was replaced.	4	1	✓	N/A	Repair Completed
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
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
5/20/05	600	N GALLAHER VIEW RD	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
5/20/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Primaries # 3-4 Influent Boxes		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	500	0.17	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
5/24/05	3741	EAKERS ST	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Future Construction Planned	N/A
6/6/05	751	MURRAY DR	KUW	Third Creek	9	Grinder Pump		The residential grinder pump was replaced.	1	1	✓	N/A	Repair Completed
6/10/05	7620	BUD HAWKINS RD	EB	NEKUD	101	Wetwell		Equipment damaged by lightning strike was repaired and the station was returned to service.	2,880	1	✓	N/A	Repair Completed
7/7/05	428	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
7/19/05	600	N GALLAHER VIEW RD	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
8/23/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Kuwahee WWTP Digester MH		Pipe capacity was exceeded with normal supernatant flow and sludge dewatering contractor discharge.	0	0.08	✓	N/A	Changes to SOP and Operator Training
8/23/05	2304	WOODS CREEK RD	LC	Loves Creek	6	Grinder Pump		The residential grinder pump was replaced after the mechanical failure of the pump.	5	2	✓	N/A	Repair Completed
10/31/05	5001	MALONEYVILLE RD	EB	NEKUD	109	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	6,101	1.5	✓	Future Construction Planned	BA
1/2/06	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		The residential grinder pump was replaced after the mechanical failure of the pump.	10	2	✓	N/A	Repair Completed
1/2/06	2111	COVE VIEW WAY	FC	Fourth Creek	43	Grinder Pump		The residential grinder pump was repaired after the electrical failure of the pump.	10	4	✓	N/A	Repair Completed
1/17/06	5001	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	408	1	✓	Construction Completed	BA
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
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
1/26/06	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		A KUB CIPP contractor turned off a bypass pump before unplugging the sewer main.	14025	1	✓	Construction Completed	BA
3/12/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Pump Station Wetwell		There was a total loss of electrical service to the station due to squirrels.	180	1	✓	Construction Completed	N/A
3/21/06	6917	SEAVER DRIVE	FC	Fourth Creek	27	MH 22-129		The sewer main was flushed to remove the blockage caused by debris.	256	0.5	✓	N/A	BA
4/4/06	5105	BALL ROAD	FC	Fourth Creek	49	Ruptured Force Main		The force main was repaired.	442400	252	✓	N/A	Repair Completed
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
4/8/06	600	N. GALLAHER VIEW ROAD											

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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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
9/23/06	1500	LYONS BEND DRIVE	FC	Fourth Creek	37	Influent Structure		Plant influent gate was partially closed to prevent damage to critical plant equipment by high flows.	489000	2.88		N/A	Changes to SOP and Operator Training
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 1 & I and high flows in the sewer mains.	71904	16	✓	Construction Completed	BA
9/23/06	2015	NEVLAN DRIVE	KUW	Third Creek	35B	Secondary Junction Box		The secondary splitter box momentarily overflowed when the intermediate storage tanks filled to their maximum capacity.	50	0.008		N/A	Changes to SOP and Operator Training
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 & I and high flows in the sewer mains.	4320	8		Construction Underway	BA
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 & I and high flows in the sewer mains.	360	2		N/A	BA
9/23/06	1235	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & I and high flows in the sewer mains.	1440	6		N/A	BA
9/24/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Pump Station Wetwell		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & I and high flows in the sewer mains.	2250	0.75	✓	Construction Completed	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 1 & I and high flows in the sewer mains.	3310000	5	✓	Construction Completed	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 & I and high flows in the sewer mains.	197712	6	✓	Construction Completed	BA
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 & I and high flows in the sewer mains.	2160	6		Future Construction Planned	BA
9/25/06	6410	S. NORTHSHORE DRIVE	FC	Fourth Creek	37	MH 8		Rainfall amounts between 3.95" & 5.05" fell across the service area producing 1 & I and high flows in the sewer mains.	304380	6		Construction Completed	N/A
9/28/06	302	SEVENTH AVENUE	KUW	First Creek	18	MHS 15 & 16		The sewer main was flushed to remove the blockage caused by roots and influenced by heavy rainfall.	6209	6	✓	Future Construction Planned	BA
10/27/06	2706	MYNDERS 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
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	✓	Future Construction Planned	N/A
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
12/31/06	2004	NEVLAN DRIVE	KUW	Third Creek	35A	MH 1		Partial closure of the influent gate due to a temporary mechanical failure of the influent barscreens.	160000	0.33		N/A	Changes to SOP and Operator Training
1/3/07	3021	RENNOC ROAD	KUW	First Creek	4	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	31	2		N/A	B A / Grease Control
1/8/07	302	SEVENTH AVENUE	KUW	First Creek	18	MH 15		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	720	2		Future Construction Planned	B A
1/25/07	2862	LONDON CIRCLE	KUW	First Creek	18	MH 41-2		The sewer main was flushed to remove the blockage caused by grease.	240	1		N/A	B A / Grease Control
1/27/07	4419	COSTER ROAD	KUW	First Creek	7	Cleanout		The sewer main was flushed to remove the blockage caused by roots and debris.	30	2		N/A	B A
2/1/07	300	KINGSTON COURT	KUW	Third Creek	29	MH 8-50		The sewer main was flushed to remove the blockage caused by roots.	180	1	✓	N/A	Repair Complete
2/6/07	4421	ROYALVIEW ROAD	KUW	Third Creek	11	Cleanout		There was no apparent cause found. Contractor flushing and a missing cleanout cap is the probable scenario.	112	1		N/A	B A
2/13/07	409	N BROADWAY	KUW	Second Creek	23	MH 19-187		The sewer main was flushed to remove the blockage caused by grease.	120	1		N/A	B A / Grease Control
2/15/07	3022	BORIGHT AVENUE	KUW	First Creek	8	MH 35		The sewer main was physically cleaned and flushed to remove the blockage caused by debris and due to vandalism.	452,520	108		N/A	Repair Complete
2/15/07	1611	LAUREL AVENUE	KUW	Second Creek	23	Private MH		The sewer main was flushed to remove the blockage caused by grease.	480	2		N/A	B A
2/16/07	100	S HALL OF FAME DRIVE	KUW	First Creek	30	MH 14-3		The sewer main was flushed to remove the blockage caused by debris.	400	3		N/A	B A
2/17/07	2600	HOLBROOK DRIVE	KUW	First Creek	4	MH 18-24		The sewer main was physically cleaned and flushed to remove the blockage caused by debris and due to vandalism.	3,600	5		N/A	Repair Complete
2/22/07	6213	ELLESMERE DRIVE	KUW	Third Creek	11	MH 48-25		The sewer main was flushed to remove the blockage caused by grease, roots and debris.	4,100	2		N/A	B A / Grease Control
2/22/07	1110	WOODCREST DRIVE	KUW	First Creek	7	MH 29-22		The sewer main was flushed to remove the blockage caused by roots and debris.	240	1		N/A	B A
2/26/07	6350	RUTLEDGE PIKE	LC	Loves Creek	105	Ruptured Force Main		A private contractor ruptured a 6" force main during an excavation.	16	1		N/A	Repair Complete
2/28/07	3325	DEWINE DRIVE	KUW	Third Creek	11	MH 5-2		The sewer main was flushed to remove the blockage caused by roots.	240	2		N/A	B A
3/3/07	2004	NEVLAN DRIVE	KUW	Third Creek	35B	MH 1		Widespread power outages due to high winds resulted in a total power loss to the plant for 130 minutes.	1,170,000	1.5	✓	N/A	Repair Complete
3/3/07	2015	NEVLAN DRIVE	KUW	Third Creek	35B	Ruptured Force Main		Upon restoration of electrical power, a sump pump force main ruptured and was discharged into the ditch by a groundwater sump pump.	10,600	1		N/A	Repair Complete
3/3/07	2620	SCOTTISH PIKE	KUW	South Knoxville	39	Leaking Joint		There was a small leak at a pipe joint during a surcharge event caused by widespread power outages due to high winds.	15	1		Construction Completed	N/A
3/5/07	1532	WILDER PLACE	KUW	Williams Creek	25	MH 4-56		The sewer main was flushed to remove the blockage caused by grease and debris.	108	1		N/A	B A / Grease Control
3/22/07	4744	S. MIDDLEBROOK PIKE	KUW	Third Creek	21	Abandoned Lateral		The sewer main was flushed to remove the blockage caused by roots and debris.	1,500	5		N/A	B A
3/23/07	2437	KEITH AVENUE	KUW	Third Creek	22	Lateral		The sewer main was flushed to remove the blockage caused by grease and roots.	375	1		N/A	B A / Grease Control
3/24/07	1325	WILLMANN LANE	FC	Fourth Creek	36	Lateral and BBU	BBU	The sewer main was flushed to remove the blockage caused by roots.	1,575	4		N/A	B A
3/27/07	2856	JEFFERSON AVENUE	KUW	Williams Creek	19	MH 5-75		The sewer main was flushed to remove the blockage caused by roots.	30	1		Construction Completed	B A
3/29/07	3804	W. BLOUNT AVENUE	KUW	South Knoxville	39	Abandoned Lateral		An open, abandoned lateral was found in a wet-weather conveyance adjacent to the sewer main.	2,588	1		N/A	Repair Complete
4/17/07	9315	RUTLEDGE PIKE	EB	Eastbridge	114	MH 65-10		The sewer main was flushed to remove the blockage caused by debris.	180	1		N/A	B A
4/18/07	2324	N BROADWAY	KUW	First Creek	17	MH 4-113		The sewer main was flushed to remove the blockage caused by grease.	20,950	24		N/A	B A / Grease Control
4/24/07	5516	BROWN ATKIN DRIVE	FC	Fourth Creek	43	Leaking LP Force Main		There was a small leak on a low-pressure force main.	3	2		N/A	Repair Complete
5/22/07	8413	WASHINGTON PIKE	EB	Eastbridge	111	Leaking LP Force Main		There was a small leak on a low-pressure force main.	5	2		N/A	Repair Complete
5/25/07	1749	RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 16-2		The sewer main was flushed to remove the blockage caused by grease.	711	2	✓	N/A	B A / Grease Control
5/31/07	700	N BROADWAY	KUW	Second Creek	23	Leaking Pipe		The sewer main was flushed to remove the blockage caused by debris.	Unknown	Unknown		N/A	B A
6/6/07	3334	ASHLAND AVENUE	KUW	Williams Creek	19	MH 21-3		The sewer main was flushed to remove the blockage caused by debris.	160	1		Construction Completed	B A
6/6/07	5904	WASHINGTON PIKE	KUW	First Creek	2	Grease Trap		The sewer main was flushed to remove the blockage caused by grease and debris.	19	1.5		N/A	B A / Grease Control
6/7/07	2915	ISLAND HOME AVENUE	KUW	South Knoxville	40	Leaking Force Main		There was a small leak on a force main.	31	2		N/A	Repair Complete
6/7/07	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Leaking Valve		There was a leak from a valve on a sludge line.	25	0.58		N/A	Repair Complete
6/10/07	2111	COVE VIEW WAY	FC	Fourth Creek	43	Residential Grinder Pump		There was a failure at a KUB-owned grinder pump station.	2	1.5		N/A	Repair Complete
6/13/07	2319	SOUTHSIDE DRIVE	KUW	South Knoxville	40	Leaking Force Main		There was a leak on a force main near the pump station.	225	5		N/A	Repair Complete
6/27/07	208	HUMES STREET	KUW	First Creek	30	Leaking Lateral		The sewer main was flushed to remove the blockage caused by debris.	30	1		N/A	B A
7/7/07	2110	HARVEY STREET	KUW	Second Creek	15	Leaking Lateral		There was a leak caused by a broken lateral in the street.	6	1		N/A	B A
7/11/07	1723	BREDA DRIVE	KUW	First Creek	8	MH 7-144		The sewer main was flushed to remove the blockage caused by grease.	288	2		N/A	B A / Grease Control
7/12/07	4900	MURPHY ROAD	KUW	First Creek	2	MH 67-154		The sewer main was flushed to remove the blockage caused by debris.	19,635	24		N/A	B A
7/13/07	1540	AMHERST ROAD	FC	Fourth Creek	27	MH 22-74		The sewer main was flushed to remove the blockage caused by debris.	16,560	72		N/A	B A
7/14/07	2021	COLD CREEK WAY	KUW	First Creek	4	MH 22-45		The sewer main was flushed to remove the blockage caused by debris.	7,967	10		N/A	B A
7/17/07	1935	CHIPMAN STREET	KUW	First Creek	18	MH 20-8		The sewer main was flushed to remove the blockage caused by grease and roots.	2,962	5.5		N/A	B A / Grease Control
7/23/07	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		The pump station barscreen was cleaned to remove the blockage caused by heavy debris.	3,000	1	✓	Construction Completed	N/A
8/2/07	751	MURRAY DRIVE	KUW	Third Creek	9	Residential Grinder Pump		The residential grinder pump had a mechanical failure.	50	1.5		N/A	Repair Complete
8/6/07	300	KINGSTON COURT	KUW	Third Creek	29	MH 8-50		The sewer main was repaired.	10	2	✓	N/A	Repair Complete
8/15/07	100	DALTON PLACE WAY	KUW	Second Creek	10	MH 20-2		The sewer main was flushed to remove the blockage caused by grease and roots.	108	1		N/A	B A / Grease Control
8/19/07	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		The pump station barscreen was cleaned to remove the blockage caused by heavy debris.	1,440	2	✓	Construction Completed	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		Construction Completed	B A / Grease Control
9/15/07	325	PELHAM ROAD	KUW	Williams Creek	19	Leaking Force Main		There was a leak on a 6" force main.	90	1		N/A	Repair Complete
9/24/07	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Cut Force Main		A contractor cut the pump station force main.	4,500	1.5		Future Construction Planned	Repair Complete
9/25/07	1610	CLINCH AVENUE IN ALLEY	KUW	Second Creek	35A	End-of-Line		The sewer main was repaired and flushed to remove the blockage caused by debris.	11	1		N/A	B A
10/2/07	4414	TOWNHOUSE WAY	KUW	Third Creek	11	Lateral Cleanout		The sewer main was repaired and flushed to remove the blockage caused by grease.	50	1		N/A	B A / Grease Control
10/5/07	4435	SHANGRI-LA DRIVE	LC	Loves Creek	6	MH 29-355		The sewer main was flushed to remove the blockage caused by grease and roots.	5	1		N/A	B A / Grease Control
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
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
10/21/07	2801	HOLBROOK DRIVE	KUW	First Creek	3	MH 6-7		The sewer main was flushed to remove the blockage caused by grease.	180	1		N/A	B A / Grease Control
10/24/07	100	E. MAGNOLIA AVENUE	KUW	First Creek	30	MH 35		The sewer main was flushed to remove the blockage caused by debris.	180	1		N/A	B 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
11/3/07	7220	WASHINGTON PIKE	EB	Eastbridge	109	Leaking Check Valve		The leaking check valve on the residential grinder pump station was repaired.	25	3		N/A	Repair Complete
11/19/07	2021	CHEROKEE BLUFF DRIVE	KUW	South Knoxville	39	MH 27-280		The sewer main was flushed to remove the blockage caused by roots.	77	1.5		N/A	B A
11/27/07	6410	DEANE HILL DRIVE	FC	Fourth Creek	33	MH 1-26		The sewer main was flushed to remove the blockage caused by grease.	180	1		N/A	B A / Grease Control
11/27/07	217	LINFORD ROAD	KUW	Knob Creek	41	Leaking Force Main		There was a leak on a 12" force main.	95	1		N/A	Repair Complete
11/30/07	4450	HOLIDAY BOULEVARD	KUW	Third Creek	11	MH 20-12		The sewer main was flushed to remove the blockage caused by debris and grease.	135	0.75		N/A	B A / Grease Control
12/26/07	1811	EAST GLENWOOD AVENUE	KUW	First Creek	24	MHS 25-52 & 25-53		The sewer main was flushed to remove the blockage caused by grease.	720	2		N/A	B A / Grease Control
12/26/07	5922	GRAY GABLES DRIVE	FC	Fourth Creek	49	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris.	62	1		N/A	B 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 Complete
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
1/5/08	2513	SABLE POINT LANE	LC	Loves Creek	105	MH 48-3		A contractor					

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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
2/19/08	5364	NORTH 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
2/21/06	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
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
3/2/08	1720	POLKRIGHT LANE	FC	Fourth Creek	37	Wetwell		The mechanical failure of the residential grinder pump was repaired.	1	0.08		N/A	Repair Completed
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
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
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
3/24/08	5219	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Wetwell & BBU		The mechanical failure of the residential grinder pump was repaired.	15	1		N/A	Repair Completed
3/25/08	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		The mechanical failure of the residential grinder pump was repaired.	14	2		N/A	Repair Completed
3/26/08	3706	ROBERTS ROAD	EB	Eastbridge	113	Leaking Force Main		The force main was repaired.	810	2		N/A	Repair Completed
3/28/08	1801	EAST FIFTH AVENUE	KUW	First Creek	24	Leaking Pipe		The leaking pipe was repaired.	Unknown	Unknown		N/A	Repair Completed
3/30/08	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Wetwell		The electrical breaker on the residential grinder pump station was turned back on.	50	4		N/A	Repair Completed
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
4/14/08	3913	ROBERTS ROAD	EB	Eastbridge	113	Leaking Force Main		The force main was repaired.	783	0.05		N/A	Repair Completed
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
4/23/08	5300	AZINGER LANE	EB	Eastbridge	109	Leaking Force Main		The force main was repaired.	47	2		N/A	Repair Completed
5/6/08	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103		The sewer main was flushed to remove the blockage caused by debris.	115	0.25		N/A	BA
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
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
5/28/08	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4,39-44&39-45 and Lateral CO		Heavy rainfall in the area resulted in high flows in the collection system.	45,655	2	✓	Construction Completed	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
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
6/11/08	2015	NEVLAND DRIVE	KUW	Third Creek	35B	MH 4-51		Line capacity was exceeded by a waste hauler.	50	0.02		N/A	Repair Completed
6/12/08	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	25	3		Construction Completed	Repair Completed
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
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
7/4/08	5241	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	1	4		N/A	Repair Completed
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
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
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		N/A	Repair Completed
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
7/28/08	409	NORTH BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	300	1		N/A	Repair Completed
7/30/08	5405	LANCE DRIVE	KUW	Third Creek	21	MH 10-85		The sewer main was flushed to remove the blockage caused by roots and debris.	4,900	24		N/A	BA
8/4/08	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	29	2.33		Construction Completed	Repair Completed
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
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
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
9/4/08	2015	NEVLAND DRIVE	KUW	Third Creek	35B	Broken Pipe		A sewer main was damaged during excavation for a potable water line.	50	0.083		N/A	Repair Completed
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
9/8/08	438	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
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
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
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
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
10/22/08	438	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
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
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
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
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
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
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
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
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
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
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
12/3/08	3413	KINGSTON PIKE	KUW	Third Creek	29	Broken Pipe		There was a collapsed pipe on an undesignated sewer main.	200	10		Future Construction Planned	N/A
12/3/08	1708	NUMBER TWO DRIVE	EB	Eastbridge	115	Leaking ARV		There was a leak from an air release valve on a force main.	423	4		N/A	Repair Completed
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
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
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
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		Future Construction Planned	N/A
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
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
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 Underway	BA
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		N/A	BA
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
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
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	✓	Curent 5-Yr Plan	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
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	✓	Future Construction Planned	BA/Grease Control
1/6/09	961	EAST FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	60,000	10	✓	Future Construction Planned	N/A
1/6/09	1210	EAST 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
1/6/09	5103	KINGSTON PIKE	KUW	Third Creek	34	MH 58		Heavy rainfall in the area resulted in high flows in the collection system.	5,600	11		Future Construction Planned	N/A
1/6/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		The sewer main was flushed to remove the blockage caused by debris and was influenced by heavy rainfall.	15,000	14.75	✓	Future Construction Planned	N/A
1/6/09	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4,39-44,39-45 & 2 Cleanouts		Heavy rainfall in the area resulted in high flows in the collection system.	22,475	11	✓	Construction Completed	N/A
1/6/09	7112	SHADYLAND DRIVE	FC	Fourth Creek	36	MH 36		Heavy rainfall in the area resulted in high flows in the collection system.	17,300	24		Construction Underway	BA
1/6/09	203	SOUTH 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
1/7/09	701	CEDAR LANE	KUW	Second Creek	5	MH 35-4		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	37,450	26		N/A	BA
1/7/09	600	NORTH GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system. The storage tank reached capacity.	105,000	26		N/A	N/A
1/7/09	5315	SHANNONDALE ROAD	KUW	First Creek	1	MH 36		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA
1/10/09	5007	ROWAN ROAD	KUW	Second Creek	5	MH 17-47		The sewer main was flushed to remove the blockage caused by roots.	1,080	2		N/A	BA
1/11/09	1110	CLINCH AVENUE	KUW	Second Creek	23	Undesignated MH		The sewer main was flushed to remove the blockage caused by roots.	75	2		N/A	BA
1/12/09	7105	DULANEY WAY	FC	Fourth Creek	36	MH 12-86		The sewer main was flushed to remove the blockage caused by roots.	1,780	3.5		N/A	BA
1/22/09	9027	MASCOT ROAD	EB	Eastbridge	114	Leaking ARV		There was a leak from air-release valve on a high-pressure force main.	75	1		N/A	Repair Completed
1/29/09	1701	EAST FIFTH AVENUE	KUW	First Creek	24	MH 29-2		The sewer main was flushed to remove the blockage caused by debris.	765	1.5		N/A	BA
2/4/09	8560	WESTLAND DRIVE	FC	Fourth Creek	42	Leaking ARV		There was a leak from air-release valve on a high-pressure force main.	225	1	✓	Future Construction Planned	N/A
2/7/09	3853	CLUSTER AVENUE	LC	Loves Creek	6	MH 29-161	</						

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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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
3/26/09	1925	ROSEWOOD PARK	LC	Loves Creek	105	Commercial Grinder Pump and BBU		There was a mechanical failure of the commercial grinder pump.	5	1.5		N/A	Repair Completed
4/13/09	1848	FRATERNITY PARK DRIVE	KUW	Third Creek	35B	Patio and BBU		The capacity of the sewer main was exceeded when a swimming pool was drained.	650	2.25		N/A	Repair Completed
4/15/09	811	EDWARDS DRIVE	KUW	Knob Creek	41	MH 107		The sewer main was flushed to remove the blockage caused by grease.	60	1		N/A	BA/Grease Control
4/16/09	5032	LYONS VIEW PIKE	KUW	Third Creek	34	Residential Grinder Pump		There was an electrical failure of the commercial grinder pump.	510	6.5		N/A	Repair Completed
4/29/09	1801	LAKE AVENUE	KUW	Third Creek	35B	Lateral Cleanout		The broken sewer main was repaired and the partial blockage was flushed.	710	2.25		N/A	Repair Completed
5/5/09	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		There was a mechanical failure of the commercial grinder pump.	100	2.5		N/A	Repair Completed
5/7/09	4419	MCCAMPBELL LANE	KUW	First Creek	2	MH 43-64		The sewer main was flushed to remove the blockage caused by construction debris.	270	1.5		N/A	N/A
5/8/09	2305	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-27		The broken sewer main was repaired and the partial blockage was flushed.	180	1		N/A	Repair Completed
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	✓	Future Construction Planned	N/A
5/10/09	3560	TALAH DRIVE	KUW	Third Creek	38	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris.	140	1		N/A	BA
5/15/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		The sewer main was flushed to remove the blockage caused by construction debris.	22	1	✓	N/A	BA
5/25/09	1800	MIDDLEBROOK PIKE	KUW	Third Creek	29	MH 38		The sewer main was flushed to remove the blockage caused by grease.	162	1		N/A	BA/Grease Control
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	✓	Future Construction Planned	N/A
6/6/09	2501	FERNBANK ROAD	LC	Loves Creek	105	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	44	4		N/A	BA/Grease Control
6/12/09	4300	ROBERTS ROAD	EB	Eastbridge	113	Residential Grinder Pump		There was an electrical failure of the commercial grinder pump.	30	1		N/A	Repair Completed
6/13/09	835	FARRAGUT AVENUE	KUW	First Creek	16	MH 24-45		The sewer main was flushed to remove the blockage caused by debris.	54	0.5		N/A	N/A
6/15/09	900	GERTRUDE AVENUE	KUW	South Knoxville	40	MH 3-70		The sewer main was flushed to remove the blockage caused by roots and debris.	60	0.5		N/A	BA
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	✓	Future Construction Planned	N/A
6/18/09	2303	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-5		The sewer main was flushed to remove the blockage caused by construction debris.	5,491	1		N/A	Repair Completed
6/22/09	125	TILLERY DRIVE	KUW	Second Creek	10	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	150	1		N/A	BA/Grease Control
6/24/09	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103 and Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	344	1		N/A	BA/Grease Control
6/26/09	2305	CLINCH AVENUE	KUW	Third Creek	35B	MH 39		There was a process failure of a construction bypass pump.	2,328	0.0166		N/A	Repair Completed
6/26/09	4900	LANDBROOK DRIVE	KUW	Third Creek	21	MH 27-6		The sewer main was flushed to remove the blockage caused by roots, grease and debris.	153	1.5		N/A	BA/Grease Control
7/1/09	2304	WOODS CREEK ROAD	LC	Loves Creek	105	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	50	1		N/A	Repair Completed
7/13/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	254	1	✓	Future Construction Planned	N/A
7/16/09	8205	CORTELAND DRIVE	FC	Fourth Creek	32B	Lateral Cleanout		The sewer main was flushed to remove th blockage caused by roots and influenced by heavy rainfall.	9	1		N/A	BA
7/22/09	8560	WESTLAND DRIVE	FC	Fourth Creek	42	Air Release Valve		There was a leaking air release valve that resulted in a SSO.	37	1	✓	Future Construction Planned	N/A
7/23/09	5212	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	741	504 Intermittently		N/A	Repair Completed
7/23/09	2636	CHUKAR ROAD	FC	Fourth Creek	32A	Bypass System		There was a failure of a construction bypass system.	12	0.25		N/A	Repair Completed
7/27/09	2204	HIGHLAND DRIVE	KUW	First Creek	4	MH 11-21		The sewer main was flushed to remove the blockage caused by roots.	344	1		N/A	BA
7/28/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	180	1	✓	Future Construction Planned	N/A
7/31/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 40		Rainfall in the area produced I & I and high flows in sewer mains.	40	0.5	✓	Future Construction Planned	N/A
8/6/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	224	0.5	✓	Future Construction Planned	N/A
8/11/09	4502	MILLERTOWN PIKE	LC	Loves Creek	6	Lateral		The lateral was damaged during installation of gas main.	137	72 Intermittently		N/A	Repair Completed
8/12/09	5745	SANDIS LANE	LC	Loves Creek	20	Force Main		The force main was damaged during installation of an electric pole.	5,240	1		N/A	Repair Completed
8/12/09	608	VAN STREET	KUW	Second Creek	23	MH 28-14, 28-1, & 28 and Subsurface		The sewer main was flushed to remove the blockage caused by grease.	unknown	unknown		Future Construction Planned	N/A
8/17/09	119	WEST GLENWOOD AVENUE	KUW	First Creek	17	Subsurface		The sewer main was flushed to remove the partial blockage caused by grease and broken sewer main.	900	8 Intermittently		Future Construction Planned	BA/Grease Control
8/24/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was an electrical failure at the pump station. Electrical power was restored to the pump station.	100	0.17	✓	Future Construction Planned	N/A
9/23/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was an electrical failure at the pump station. Electrical power was restored to the pump station.	14,400	8	✓	Future Construction Planned	N/A
9/26/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	350	1	✓	Future Construction Planned	N/A
9/26/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Rainfall in the area produced I & I and high flows in sewer mains.	6,000	2	✓	Future Construction Planned	N/A
9/26/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 40		Rainfall in the area produced I & I and high flows in sewer mains.	1,780	3	✓	Future Construction Planned	N/A
9/26/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47 & 47-103		Rainfall in the area produced I & I and high flows in sewer mains.	1,900	3	✓	Future Construction Planned	N/A
9/26/09	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure		There was an electrical failure at the plant. Electrical power was restored to the plant.	40,000	0.06	✓	N/A	Changes to SOP and Operator Training
9/26/09	2004	NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		Rainfall in the area produced I & I and high flows in sewer mains.	250,000	0.26	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training
9/27/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was heavy debris at the pump station and influenced by high rainfall.	1,800	1	✓	Future Construction Planned	N/A
9/28/09	2706	MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		The sewer main was flushed to remove the blockage caused by grease.	1,000	1		N/A	BA/Grease Control
9/29/09	8012	WEST CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-7		The sewer main was flushed to remove the blockage caused by grease and roots.	65	1		N/A	BA/Grease Control
10/15/09	4201	ASHEVILLE HIGHWAY	LC	Loves Creek	20	MH 34-23		Heavy rainfall in the area resulted in high flows in the sewer system.	50	0.5		Future Construction Planned	N/A
10/16/09	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 33		There was a process failure of a construction bypass pumping system. The process was restored	700	1.5		Construction Underway	N/A
10/20/09	850	TALLEY HO DRIVE	KUW	South Knoxville	39	MH 62-21		The sewer main was flushed to remove the blockage caused by roots.	1,870	2		N/A	BA
10/26/09	6905	WESTLAND DRIVE	FC	Fourth Creek	36	Subsurface		The sewer main was flushed to remove the blockage caused by roots.	4,745	2		Construction Completed	N/A
10/30/09	1408	MIDDLE DRIVE	KUW	Second Creek	35A	Subsurface		The sewer main was repaired to remove a collapsed section.	7,190	6.5		N/A	Repair Completed
11/5/09	3108	LANDVIEW DRIVE	LC	Loves Creek	26	MH 72-134		The sewer main was flushed to remove the blockage caused by roots.	260	1		N/A	BA
11/6/09	212	DRY GAP PIKE	KUW	Second Creek	5	MH 16-67		There was a process failure of a construction bypass pumping system. The process was restored	205	1		N/A	N/A
11/8/09	6116	SEVIERVILLE PIKE	KUW	South Knoxville	41	MH 107-2		The sewer main was flushed to remove the blockage caused by grease.	510	1		N/A	BA/Grease Control
11/12/09	2126	TENNESSEE AVENUE	KUW	Third Creek	22	MH 16-13		The sewer main was flushed to remove the blockage caused by roots.	310	1		N/A	BA
11/24/09	601	S. CONCORD STREET	KUW	Third Creek	29	MH 8-10		The sewer main was repaired to remove a collapsed section of sewer main.	60	1		N/A	BA/Grease Control
12/9/09	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Heavy rainfall in the area resulted in high flows in the sewer system.	40	0.5	✓	Future Construction Planned	N/A
12/9/09	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure		There was an electrical failure at the plant. Electrical power was restored to the plant.	480,000	0.45	✓	N/A	Repair Complete
12/9/09	2004	NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		There was an electrical failure at the plant. Electrical power was restored to the plant.	3,300,000	0.87		N/A	Repair Completed
12/12/09	5227	MENUTT ROAD	KUW	Knob Creek	41	MH 96		The sewer main was flushed to remove the blockage caused by an unknown object.	1,061	1		Future Construction Planned	BA
12/15/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Heavy rainfall in the area resulted in high flows in the sewer system.	Unknown	Unknown	✓	Future Construction Planned	N/A
12/16/09	4315	CLINTON HIGHWAY	KUW	Second Creek	10	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by a protruding lateral, roots, grease and debris.	4,855	48 Intermittently		N/A	Repair Completed
12/18/09	3410	BORIGHT DRIVE	KUW	First Creek	8	MH 42 & 43		The sewer main was flushed to remove the blockage caused by grease.	3,310	6	✓	Current 5-Yr Plan	BA/Grease Control
1/6/10	905	KERMIT DRIVE	KUW	Second Creek	5	MH 4-36		The sewer main was flushed to remove the blockage caused by grease.	1080	1.5		N/A	BA
1/18/10	229	LYNNWOOD DRIVE	KUW	First Creek	3	MH 2-98		The sewer main was flushed to remove the blockage caused by grease and roots.	130	0.5		N/A	BA
1/18/10	1712	POLK WRIGHT LANE	FC	Fourth Creek	37	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	5	1		N/A	Repair Completed
1/24/10	2414	BERNHURST DRIVE	KUW	First Creek	4	MH 18-58, 18-54 & 18-53		The sewer main was flushed to remove the unknown blockage and influenced by heavy rainfall.	5550	10		N/A	BA
1/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	Lateral Cleanout & BBU	BBU	The sewer main was flushed to remove the blockage caused by roots and influenced by heavy rainfall.	1000	1		N/A	BA
1/24/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	138060	8	✓	Current 5-Yr Plan	BA
1/24/10	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure & MLSS Wetwell		Rainfall in the area produced I & I and high flows in sewer mains.	74000	1.62		Future Construction Planned	N/A
1/24/10	5760	SANDIS LANE	LC	Loves Creek	20	Influent Structure		There was a temporary electrical power failure at the WWTP during a high rainfall event.	190000	0.75		N/A	N/A
1/24/10	304	SEVENTH AVENUE	KUW	First Creek	18	MH 15		Rainfall in the area produced I & I and high flows in sewer mains.	90	3		Current 5-Yr Plan	BA
1/25/10	6621	CLINTON HIGHWAY	KUW	Third Creek	50	Air Release Valve		The air release valve malfunctioned resulting in an SSO.	190	2		N/A	Repair Completed
1/25/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	Future Construction Planned	N/A
1/25/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	40A2 Trunkline Phase 2 to be built late 2011	NA
1/25/10	2004	ED SHOUSE ROAD	KUW	Third Creek	13	Diversion Structure		Rainfall in the area produced I & I and high flows in sewer mains.	21600	4		N/A	N/A
1/25/10	1210	MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	40A2 Trunkline Phase 1 completed 2/11	NA
1/25/10	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 32, 33, 34 & 36		Rainfall in the area produced I & I and high flows in sewer mains.	41575	36	✓	Construction Completed	N/A
1/25/10	608	WALKER SPRINGS ROAD	FC	Fourth Creek	32A	MH 77		Rainfall in the area produced I & I and high flows in sewer mains.	95580	9		N/A	N/A
1/25/10	5546	WILKERSON ROAD	KUW	Third Creek	9	Lateral Cleanout		Rainfall in the area produced I & I and high flows in sewer mains.	5	1		N/A	N/A
1/26/10	4713	OLD BROADWAY	KUW	First Creek	7	MH 2		Rainfall in the area produced I & I and high flows in sewer mains.	3400	12		Future Construction Planned	BA
1/27/10	4611	KINGSTON PIKE	KUW	Third Creek	34	Broken Sewer Main		There was a collapsed portion of the sewer main.	1,000	1		N/A	Repair Completed
1/27/10	4600	UPCHURCH ROAD	KUW	First Creek	7	MH 45		Rainfall in the area produced I & I and high flows in sewer mains.	105	1			

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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)
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA
4/13/01	614	SEVIER AVE	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
2/14/10	302	LINGBURTON AVENUE	LC	Loves Creek	20	Lateral Cleanout		There was a mechanical failure of the residential grinder pump.	5	5		N/A	Repair Completed
2/15/10	100	THIRTEENTH STREET	KUW	Second Creek	23	Broken Sewer		There was a collapsed portion of the sewer main.	100	1		N/A	Repair Completed
2/19/10	6410	SOUTH NORTHSORE DRIVE	FC	Fourth Creek	37	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown		Future Construction Planned	N/A
2/21/10	5713	MILLERTOWN PIKE	LC	Loves Creek	6	Broken Sewer		There was an SSO caused by a leaking low pressure sewer pipe.	5	1.5		N/A	Repair Completed
3/7/10	3403	VALLEY VIEW DRIVE	KUW	First Creek	8	MH 9-86		The sewer main was flushed to remove the blockage caused by debris.	1590	1.5		N/A	Repair Completed
3/8/10	1904	SANDERSON ROAD	KUW	Third Creek	28	MH 16-27		The sewer main was flushed to remove the blockage caused by debris and the protruding lateral was trimmed.	50	1		N/A	Repair Completed/BA
3/10/10	6024	BROOKVALE LANE	FC	Fourth Creek	33	MH 15		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown		Current 5-Yr Plan	N/A
3/10/10	955	KNOXVILLE COLLEGE DRIVE	KUW	Third Creek	22	MH 6-78		The sewer main was flushed to remove the blockage caused by vandalism.	1250	1		N/A	BA
3/12/10	4804	BAY STREET	KUW	Third Creek	13	MH 34-31		The sewer main was flushed to remove the blockage caused by debris.	230	1		N/A	BA
3/17/10	2217	MARTIN LUTHER KING JR DRIVE	KUW	First Creek	24	MH 6-152 & Privately Owned MH		The sewer main was flushed to remove the blockage caused by debris.	530	0.5		N/A	BA
3/18/10	5732	TENNYSON DRIVE	FC	Fourth Creek	32A	MH 49-182		The sewer main was flushed to remove the blockage caused by debris.	20,825	168 Intermittently		N/A	BA
3/19/10	5218	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	22	3		N/A	Repair Completed
3/19/10	6549	CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-2		The sewer main was flushed to remove the blockage caused by debris.	2,030	0.5		N/A	BA
3/23/10	2004	NEVLAND DRIVE	KUW	Second Creek	35A	MH 1		There was an SSO caused by temporary electrical power failure.	50000	0.05		Future Construction Planned (CCP Storage)	N/A
4/3/10	5236	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	10	3		N/A	Repair Completed
4/9/10	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	Private Property/BBU	BBU	The sewer main was flushed to remove the blockage caused by debris.	950	15		N/A	BA
4/10/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	5	3	✓	N/A	Repair Completed
4/17/10	5105	BALL ROAD	KUW	Third Creek	49	Broken Force Main		The SSO was the result of a broken force main.	72675	2		N/A	Repair Completed
4/17/10	5011	KINGSTON PIKE	FC	Fourth Creek	34	MH 58		The sewer main was flushed to remove the blockage caused by debris and a protruding lateral was trimmed.	290	1.4		Future Construction Planned	N/A
4/30/10	6712	DEANE HILL DRIVE	FC	Fourth Creek	36	MH 3-176		The sewer main was flushed to remove the blockage caused by a collapsed manhole and the manhole was repaired.	4320	1		N/A	Repair Completed
5/3/10	601	ARTHUR STREET	KUW	Second Creek	23	MH 19-132		The sewer main was flushed to remove the blockage caused by grease and influenced by heavy rainfall.	360	2		N/A	BA
5/3/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	4200	2.25	✓	Current 5-Yr Plan	BA
5/3/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	3600	3	✓	Future Construction Planned	N/A
5/3/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	450	2.5	✓	40A2 Trunkline Phase 2 to be built late 2011	NA
5/3/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4/BBU	BBU	The SSO/BBU was caused by temporary electrical failure during high rainfall event.	940	1.5		N/A	Repair Completed / BA
5/3/10	1210	MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	750	5	✓	40A2 Trunkline Phase 1 completed 2/11	NA
5/6/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	10	3	✓	N/A	Repair Completed
5/12/10	4509	LONDON DRIVE	KUW	Third Creek	11	MH 11-229		The sewer main was flushed to remove the blockage caused by grease.	50	1		N/A	BA/Grease Control
5/16/10	3628	LUCINDA DRIVE	KUW	First Creek	3	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	18	2		N/A	BA
5/19/10	1401	CASSELL DRIVE	KUW	Second Creek	10	MH 14-103		The sewer main was flushed to remove the blockage caused by debris.	540	1.5	✓	Future Construction Planned	BA
5/19/10	906	STEWART STREET	KUW	Second Creek	23	MH 35-56		The sewer main was flushed to remove the blockage caused by debris.	35	1		N/A	BA
5/20/10	410	HASTINGS LANE	FC	Fourth Creek	33	MH 32-48		The sewer main was flushed to remove the blockage caused by roots.	200	1		N/A	BA
5/23/10	1312	CASSELL DRIVE	KUW	Second Creek	10	MH 14-101		The sewer main was flushed to remove the blockage caused by grease.	200	1	✓	Future Construction Planned	BA
6/10/10	6310	ROBERTS ROAD	EB	Eastbridge	111	Broken Force Main		The SSO was the result of a broken force main.	150	1		N/A	Repair Completed
6/18/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	11	3	✓	N/A	Repair Completed
6/25/10	5660	COLONIAL CIRCLE	KUW	First Creek	3	MH 14-2		The sewer main was flushed to remove the blockage caused by grease and debris.	5,600	12		N/A	BA
6/28/10	2911	JERSEY AVENUE	KUW	Third Creek	29	MH 8-30		The sewer main was flushed to remove the blockage caused by roots.	3,200	24		Construction Underway	BA
7/5/10	3808	WEST BLOUNT AVENUE	KUW	South Knoxville	39	Broken Sewer Lateral		The sewer main was flushed to remove the blockage caused by grease and debris.	13000	24		Shortline project to repair line in area	NA
7/11/10	415	FORESTAL DRIVE	KUW	First Creek	8	MH 7-91		The sewer main was flushed to remove the blockage caused by grease.	200	2		N/A	BA
7/13/10	4605	CROSBY DRIVE	KUW	Third Creek	28	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by roots and grease.	1450	2		N/A	BA
7/15/10	2201	HIGHLAND AVENUE	KUW	Third Creek	29	MH 9-29		The sewer main was flushed to remove the blockage caused by debris.	100	1		N/A	BA
7/25/10	5363	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	200	4		N/A	Repair Completed
7/28/10	8530	CROSSWIND LANDING LANE	EB	Northeast Knox	110	Wet Well		The SSO was caused by a vacuum pump malfunction within the pump station.	3000	5		N/A	Repair Completed
7/29/10	720	WOODVIEW DRIVE	KUW	Second Creek	5	MH 35-2		The sewer main was flushed to remove the blockage caused by roots.	2	1		N/A	BA
8/3/10	2636	MARYVILLE PIKE	KUW	South Knoxville	45	MH 10-2		The SSO was caused by a failure of a construction bypass pumping system.	60	0.15		NA	Bypass pump was repaired after it was valdalized
8/3/10	2641	MARYVILLE PIKE	KUW	South Knoxville	45	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	20	4		NA	Pump was repaired
8/9/10	6401	OLD VALLEY ROAD	KUW	South Knoxville	41	MH 67-3		The sewer main was flushed to remove the blockage caused by debris.	35	3		NA	blockage abatement
8/12/10	4351	FALCONITE WAY	KUW	Third Creek	13	MH 10		The SSO was caused by a broken pipe.	7500	24		N/A	Repair Completed
8/16/10	1104	MCCALLA AVENUE	KUW	First Creek	24	MH 11-1		There was a partial blockage in the sewer main caused by a broken pipe and influenced by heavy rainfall.	1000	2		N/A	Repair Completed
8/16/10	2706	MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		The sewer main was flushed to remove the blockage caused by grease and influenced by heavy rainfall.	50	1	✓	Future Construction Planned	BA
8/16/10	815	SOUTH CENTRAL STREET	KUW	First Creek	30	MH 3-7		Rainfall in the area produced I & I and high flows in sewer mains.	250	0.5		Current 5-Yr Plan	N/A
8/26/10	800	BENNETT PLACE	FC	Fourth Creek	32B	Broken Sewer		The sewer main was flushed to remove the blockage caused by debris.	7750	24	✓	Construction Underway	Repair Completed
8/27/10	1700	EVENING SHADE LANE	FC	Fourth Creek	37	Broken Force Main		The SSO was caused by a broken force main.	10	3		N/A	Repair Completed
8/30/10	5307	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	15	1	✓	N/A	Repair Completed
9/6/10	8083	KINGSTON PIKE	FC	Fourth Creek	32	MH 9-4		The sewer main was damaged during a gas main installation.	24000	48		N/A	Repair Completed
9/11/10	1408	ADAIR DRIVE	KUW	First Creek	7	MH 26		Rainfall in the area produced I & I and high flows in sewer mains.	60	1		Current 5-Yr Plan	N/A
9/11/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	1000	1	✓	Future Construction Planned	N/A
9/12/10	5915	NEUBERT SPRINGS ROAD	KUW	South Knoxville	41	Unnamed MH at Facility		The SSO was caused by temporary electrical power failure during high rainfall event.	294000	3.5		NA	Electricity was restored to station
9/26/10	906	BATHURST ROAD	FC	Fourth Creek	32	MH 4-23		Their was a partial blockage in the sewer main caused by roots and influenced by heavy rainfall	5	1		Future Construction Planned	BA
10/25/10	4509	PAPERMILL DRIVE	KUW	Third Creek	28	MH 31		The sewer main was flushed to remove the blockage caused by debris.	500	0.5		N/A	Repair Completed
11/1/10	5415	HOLSTON DRIVE	LC	Loves Creek	20	Broken Force Main		The SSO was caused by a broken force main.	170	1.5		N/A	Repair Completed
11/17/10	5307	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	40	2.5	✓	N/A	Repair Completed
11/30/10	3410	BORIGHT DRIVE	KUW	First Creek	8	MHs 45, 44, 43, 42, 41, 40 and 39		Rainfall in the area produced I & I and high flows in sewer mains.	12750	8	✓	Future Construction Planned	BA
11/30/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	17250	8	✓	Current 5-Yr Plan	BA
11/30/10	2541	FAIR DRIVE	KUW	First Creek	4	MH 20-2		Rainfall in the area produced I & I and high flows in sewer mains.	150	1		Current 5-Yr Plan	BA
11/30/10	1908	JEFFERSON AVENUE	KUW	First Creek	24	Lateral Cleanout		Rainfall in the area produced I & I and high flows in sewer mains.	180	3		Construction Completed	N/A
11/30/10	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Rainfall in the area produced I & I and high flows in sewer mains.	2150	3		KUB has smoke tested the collection system and is repairing damaged cleanouts	NA
12/1/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	2	1	✓	N/A	Repair Completed
12/1/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	4700	3	✓	Future Construction Planned	N/A
12/1/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	1500	3		40A2 Trunkline Phase 2 to be built late 2011	NA
12/1/10	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Rainfall in the area produced I & I and high flows in sewer mains.	1840000	11.5		Future Construction Planned	N/A
12/3/10	100	LEBANON STREEET	KUW	Third Creek	34	Private Manhole		The SSO was caused by a broken manhole connection.	40	2		N/A	Repair Completed
12/3/10	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall in the area produced I & I and high flows in sewer mains.	1000	3		Current 5-Yr Plan	BA
12/13/10	5332	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	30	4		N/A	Repair Completed
12/26/10	1725	LOVES CREEK ROAD	LC	Loves Creek	6	MH 48-3		The sewer main was flushed to remove the blockage caused by debris.	180	2		N/A	N/A
12/31/10	2204	HIGHLAND DRIVE	KUW	First Creek	4	Broken Sewer		The SSO was caused by a broken sewer main.	450	2		N/A	Repair Completed

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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Current 5-Yr Plan	N/A	N/A
2/19/03	4144	OAKLAND DR	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 DR	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
2/6/04	4144	OAKLAND DR	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
3/10/04	4144	OAKLAND DR	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
11/30/04	4144	OAKLAND DR	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
12/7/04	4144	OAKLAND DR	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
12/11/04	4144	OAKLAND DR	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
5/28/08	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4, 39-44&39-45 and Lateral CO		Heavy rainfall in the area resulted in high flows in the collection system.	45,655	2	✓	Construction Completed	N/A	N/A
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
1/6/09	4144	OAKLAND DRIVE	KUW	First Creek	2	MHs 39-4,39-44,39-45 & 2 Cleanouts		Heavy rainfall in the area resulted in high flows in the collection system.	22,475	11	✓	Construction Completed	N/A	N/A
5/7/09	4419	MCCAMPBELL LANE	KUW	First Creek	2	MH 43-64		The sewer main was flushed to remove the blockage caused by construction debris.	270	1.5		N/A	N/A	N/A
8/29/02	4710	MURPHY RD	KUW	First Creek	2	Residential Pump Station		The wastewater pump station overflowed due to a mechanical failure at the station.	10	2		N/A	Repair Completed	N/A
3/25/08	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		The mechanical failure of the residential grinder pump was repaired.	14	2		N/A	Repair Completed	N/A
5/5/09	4710	MURPHY ROAD	KUW	First Creek	2	Wetwell		There was a mechanical failure of the commercial grinder pump.	100	2.5		N/A	Repair Completed	N/A
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
7/12/07	4900	MURPHY ROAD	KUW	First Creek	2	MH 67-154		The sewer main was flushed to remove the blockage caused by debris.	19,635	24		N/A	BA	6 Months
6/6/07	5904	WASHINGTON PIKE	KUW	First Creek	2	Grease Trap		The sewer main was flushed to remove the blockage caused by grease and debris.	19	1.5		N/A	B A / Grease Control	6 Months
1/19/01		OAKLAND DR & BEVERLY RD	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		N/A	BA	12 Months
1/18/10	229	LYNNWOOD DRIVE	KUW	First Creek	3	MH 2-98		The sewer main was flushed to remove the blockage caused by grease and roots.	130	0.5		N/A	BA	6 Months
10/21/07	2801	HOLBROOK DRIVE	KUW	First Creek	3	MH 6-7		The sewer main was flushed to remove the blockage caused by grease.	180	1		N/A	B A / Grease Control	6 Months
5/16/10	3628	LUCINDA DRIVE	KUW	First Creek	3	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	18	2		N/A	BA	6 Months
2/19/08	5364	NORTH 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
2/21/09	5534	JACKSBORO PIKE	KUW	First Creek	3	Broken Pipe		There was a pipe separation at a temporary connection to the sewer main.	960	8		N/A	Repair Completed	N/A
6/25/10	5660	COLONIAL CIRCLE	KUW	First Creek	3	MH 14-2		The sewer main was flushed to remove the blockage caused by grease and debris.	5,600	12		N/A	BA	12 Months
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
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
7/14/07	2021	COLD CREEK WAY	KUW	First Creek	4	MH 22-45		The sewer main was flushed to remove the blockage caused by debris.	7,967	10		N/A	BA	6 Months
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
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
7/27/09	2204	HIGHLAND DRIVE	KUW	First Creek	4	MH 11-21		The sewer main was flushed to remove the blockage caused by roots.	344	1		N/A	BA	3 Months
12/31/10	2204	HIGHLAND DRIVE	KUW	First Creek	4	Broken Sewer		The SSO was caused by a broken sewer main.	450	2		N/A	Repair Completed	N/A
12/4/10	2414	BERNHURST DRIVE	KUW	First Creek	4	MH 18-58, 18-54 & 18-53		The sewer main was flushed to remove the unknown blockage and influenced by heavy rainfall.	5550	10		N/A	BA	6 Months
2/5/10	2430	HIGHLAND DRIVE	KUW	First Creek	4	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris and influenced by heavy rainfall.	2290	1.5		N/A	BA	6 Months
11/30/10	2541	FAIR DRIVE	KUW	First Creek	4	MH 20-2		Rainfall in the area produced I & I and high flows in sewer mains.	150	1		Current 5-Yr Plan	BA	12 Months
2/17/07	2600	HOLBROOK DRIVE	KUW	First Creek	4	MH 18-24		The sewer main was physically cleaned and flushed to remove the blockage caused by debris and due to vandalism.	3,600	5		N/A	Repair Complete	N/A
1/3/07	3021	RENNOC ROAD	KUW	First Creek	4	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	31	2		N/A	B A / Grease Control	12 Months
11/6/09	212	DRY GAP PIKE	KUW	Second Creek	5	MH 16-67		There was a process failure of a construction bypass pumping system. The process was restored	205	1		N/A	N/A	N/A
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
1/7/09	701	CEDAR LANE	KUW	Second Creek	5	MH 35-4		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	37,450	26		N/A	BA	3 Months
7/29/10	720	WOODVIEW DRIVE	KUW	Second Creek	5	MH 35-2		The sewer main was flushed to remove the blockage caused by roots.	2	1		N/A	BA	6 Months
1/6/10	905	KERMIT DRIVE	KUW	Second Creek	5	MH 4-36		The sewer main was flushed to remove the blockage caused by grease.	1080	1.5		N/A	BA	6 Months
1/10/09	5007	ROWAN ROAD	KUW	Second Creek	5	MH 17-47		The sewer main was flushed to remove the blockage caused by roots.	1,080	2		N/A	BA	3 Months
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
12/26/10	1725	LOVES CREEK ROAD	LC	Loves Creek	6	MH 48-3		The sewer main was flushed to remove the blockage caused by debris.	180	2		N/A	N/A	N/A
8/23/05	2304	WOODS CREEK RD	LC	Loves Creek	6	Grinder Pump		The residential grinder pump was replaced after the mechanical failure of the pump.	5	2		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
2/7/09	3853	CLUSTER AVENUE	LC	Loves Creek	6	MH 29-161		The sewer main was flushed to remove the blockage caused by roots.	5	4		N/A	BA	6 Months
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
10/5/07	4435	SHANGRI-LA DRIVE	LC	Loves Creek	6	MH 29-355		The sewer main was flushed to remove the blockage caused by grease and roots.	5	1		N/A	B A / Grease Control	6 Months
8/11/09	4502	MILLERTOWN PIKE	LC	Loves Creek	6	Lateral		The lateral was damaged during installation of gas main.	137	72 Intermittently		N/A	Repair Completed	N/A
2/21/10	5713	MILLERTOWN PIKE	LC	Loves Creek	6	Broken Sewer		There was an SSO caused by a leaking low pressure sewer pipe.	5	1.5		N/A	Repair Completed	N/A
1/28/10	702	EAST INSKIP DRIVE	KUW	First Creek	7	MH 29-63		The sewer main was flushed to remove the blockage caused by debris.	410	1		Current 5-Yr Plan	BA	12 Months
2/22/07	1110	WOODCREST DRIVE	KUW	First Creek	7	MH 29-22		The sewer main was flushed to remove the blockage caused by roots and debris.	240	1		N/A	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		N/A	BA	6 Months
12/3/10	1216	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall in the area produced I & I and high flows in sewer mains.	1000	3		Current 5-Yr Plan	BA	6 Months
11/24/04	1235	WATERCRESS DR	KUW	First Creek	7	MH 29-9		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by grease.	3960	8.25		N/A	BA/Grease Control	6 Months
9/23/06	1235	WATERCRESS DRIVE	KUW	First Creek	7	MH 29-9		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	1440	6		N/A	BA	6 Months
9/11/10	1408	ADAIR DRIVE	KUW	First Creek	7	MH 26		Rainfall in the area produced I & I and high flows in sewer mains.	60	1		Current 5-Yr Plan	N/A	N/A
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
1/27/07	4419	COSTER ROAD	KUW	First Creek	7	Cleanout		The sewer main was flushed to remove the blockage caused by roots and debris.	30	2		N/A	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 I & I and high flows in the sewer mains.	360	2		N/A	BA	12 Months
1/27/10	4600	UPCHURCH ROAD	KUW	First Creek	7	MH 45		Rainfall in the area produced I & I and high flows in sewer mains.	105	1		Current 5-Yr Plan	BA	6 Months
2/19/03	4606	UPCHURCH RD	KUW	First Creek	7	MH 45		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by swags.	90	3		N/A	BA	12 Months
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/Overflow had stopped prior to arrival of crew/Evidence of SSO was present.	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		A KUB CIPP contractor turned off a bypass pump before unplugging the sewer main.	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 I & I 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		Rainfall in the area produced I & I and high flows in sewer mains.	3400	12		Future Construction Planned	BA	12 Months
7/11/10	415	FORESTAL DRIVE	KUW	First Creek	8	MH 7-91		The sewer main was flushed to remove the blockage caused by grease.	200	2		N/A	BA	

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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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Current 5-Yr Plan	N/A	N/A
8/15/07	100	DALTON PLACE WAY	KUW	Second Creek	10	MH 20-2		The sewer main was flushed to remove the blockage caused by grease and roots.	108	1		N/A	BA / Grease Control	6 Months
2/23/05	125	TILLERY DR	KUW	Second Creek	10	MH 16-6		The sewer main was flushed to remove the blockage caused by grease.	720	3		N/A	BA/Grease Control	6 Months
6/22/09	125	TILLERY DRIVE	KUW	Second Creek	10	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	150	1		N/A	BA/Grease Control	3 Months
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
5/23/10	1312	CASSELL DRIVE	KUW	Second Creek	10	MH 14-101		The sewer main was flushed to remove the blockage caused by grease.	200	1	✓	Future Construction Planned	BA	6 Months
5/19/10	1401	CASSELL DRIVE	KUW	Second Creek	10	MH 14-103		The sewer main was flushed to remove the blockage caused by debris.	540	1.5	✓	Future Construction Planned	BA	6 Months
3/7/09	1527	WILSON ROAD	KUW	Second Creek	10	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris.	95	3		N/A	BA	6 Months
12/16/09	4315	CLINTON HIGHWAY	KUW	Second Creek	10	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by a protruding lateral, roots, grease and debris.	4,855	48 Intermittently		N/A	Repair Completed	N/A
2/28/07	3325	DEWINE DRIVE	KUW	Third Creek	11	MH 5-2		The sewer main was flushed to remove the blockage caused by roots.	240	2		N/A	BA	6 Months
10/2/07	4414	TOWNHOUSE WAY	KUW	Third Creek	11	Lateral Cleanout		The sewer main was repaired and flushed to remove the blockage caused by grease.	50	1		N/A	BA / Grease Control	18 Months
9/20/06	4421	ROYALVIEW ROAD	KUW	Third Creek	11	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease and roots.	750	4		N/A	BA/Grease Control	6 Months
2/6/07	4421	ROYALVIEW ROAD	KUW	Third Creek	11	Cleanout		There was no apparent cause found. Contractor flushing and a missing cleanout cap is the probable scenario.	112	1		N/A	BA	6 Months
11/30/07	4450	HOLIDAY BOULEVARD	KUW	Third Creek	11	MH 20-12		The sewer main was flushed to remove the blockage caused by debris and grease.	135	0.75		N/A	BA / Grease Control	6 Months
5/12/10	4509	LONDON DRIVE	KUW	Third Creek	11	MH 11-229		The sewer main was flushed to remove the blockage caused by grease.	50	1		N/A	BA/Grease Control	6 Months
2/22/07	6213	ELLESMERE DRIVE	KUW	Third Creek	11	MH 48-25		The sewer main was flushed to remove the blockage caused by grease, roots and debris.	4,100	2		N/A	BA / Grease Control	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
1/25/10	2004	ED SHOUSE ROAD	KUW	Third Creek	13	Diversion Structure		Rainfall in the area produced I & I and high flows in sewer mains.	21600	4		N/A	N/A	N/A
2/4/10	4025	THORNWOOD ROAD	KUW	Third Creek	13	MH 17-92		The sewer main was flushed to remove the blockage caused by grease and roots.	250	2		N/A	BA/Grease Control	6 Months
8/12/10	4351	FALCONITE WAY	KUW	Third Creek	13	MH 10		The SSO was caused by a broken pipe.	7500	24		N/A	Repair Completed	N/A
2/13/09	4712	MOSS DRIVE	KUW	Third Creek	13	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease and debris.	750	1		N/A	BA/Grease Control	3 Months
3/4/09	4712	MOSS DRIVE	KUW	Third Creek	13	MH 43 and Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease and roots.	250	0.5		N/A	BA/Grease Control	3 Months
3/12/10	4804	BAY STREET	KUW	Third Creek	13	MH 34-31		The sewer main was flushed to remove the blockage caused by debris.	230	1		N/A	BA	12 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	✓	Future Construction Planned	N/A	N/A
9/26/09	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	350	1	✓	Future Construction Planned	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 sewer system.	Unknown	Unknown	✓	Future Construction Planned	N/A	N/A
1/25/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	Future Construction Planned	N/A	N/A
5/3/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	3600	3	✓	Future Construction Planned	N/A	N/A
9/11/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	1000	1	✓	Future Construction Planned	N/A	N/A
12/1/10	1411	DAVANNA STREET	KUW	Second Creek	15	MH 8		Rainfall in the area produced I & I and high flows in sewer mains.	4700	3	✓	Future Construction Planned	N/A	N/A
7/7/07	2110	HARVEY STREET	KUW	Second Creek	15	Leaking Lateral		There was a leak caused by a broken lateral in the street.	6	1		N/A	BA	12 Months
6/13/09	835	FARRAGUT AVENUE	KUW	First Creek	16	MH 24-45		The sewer main was flushed to remove the blockage caused by debris.	54	0.5		N/A	N/A	N/A
3/9/09	1000	OGLEWOOD AVENUE	KUW	First Creek	16	Lateral Cleanout and BBU		The sewer main was flushed to remove the blockage caused by debris.	13	0.5		N/A	BA	6 Months
8/17/09	119	WEST GLENWOOD AVENUE	KUW	First Creek	17	Subsurface		The sewer main was flushed to remove the partial blockage caused by grease and broken sewer main.	900	8 Intermittently		Future Construction Planned	BA/Grease Control	6 Months
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	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
4/18/07	2324 N	BROADWAY	KUW	First Creek	17	MH 4-113		The sewer main was flushed to remove the blockage caused by grease.	20,950	24		N/A	BA / Grease Control	6 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
9/28/06	302	SEVENTH AVENUE	KUW	First Creek	18	MHS 15 & 16		The sewer main was flushed to remove the blockage caused by roots and influenced by heavy rainfall.	6209	6	✓	Future Construction Planned	BA	6 Months
1/8/07	302	SEVENTH AVENUE	KUW	First Creek	18	MH 15		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	720	2		Future Construction Planned	BA	6 Months
2/6/04	304	SEVENTH AVE	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 AVE	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		Rainfall in the area produced I & I and high flows in sewer mains.	90	3		Current 5-Yr Plan	BA	6 Months
7/17/07	1935	CHIPMAN STREET	KUW	First Creek	18	MH 20-8		The sewer main was flushed to remove the blockage caused by grease and roots.	2,962	5.5		N/A	BA / Grease Control	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	✓	Future Construction Planned	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 sewer system.	40	0.5	✓	Future Construction Planned	N/A	N/A
1/24/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	138060	8	✓	Current 5-Yr Plan	BA	6 Months
5/3/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	4200	2.25	✓	Current 5-Yr Plan	BA	6 Months
11/30/10	2536	CECIL AVENUE	KUW	First Creek	18	MH 30-11		Rainfall in the area produced I & I and high flows in sewer mains.	17250	8	✓	Current 5-Yr Plan	BA	6 Months
1/25/07	2862	LONDON CIRCLE	KUW	First Creek	18	MH 41-2		The sewer main was flushed to remove the blockage caused by grease.	240	1		N/A	BA / Grease Control	12 Months
9/15/07	325	PELHAM ROAD	KUW	Williams Creek	19	Leaking Force Main		There was a leak on a 6" force main.	90	1		N/A	Repair Complete	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		Construction Completed	BA / Grease Control	12 Months
3/27/07	2856	JEFFERSON AVENUE	KUW	Williams Creek	19	MH 5-75		The sewer main was flushed to remove the blockage caused by roots.	30	1		Construction Completed	BA	6 Months
6/6/07	3334	ASHLAND AVENUE	KUW	Williams Creek	19	MH 21-3		The sewer main was flushed to remove the blockage caused by debris.	160	1		Construction Completed	BA	3 Months
2/22/03	203	CHILHOWEE DR	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 I & I 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	SOUTH 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
2/14/10	302	LINGBURTON AVENUE	LC	Loves Creek	20	Lateral Cleanout		There was a mechanical failure of the residential grinder pump.	5	5		N/A	Repair Completed	N/A
2/4/08	516	NORTH BEAMAN STREET	LC	Loves Creek	20	MH 61-8		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	180	1		N/A	BA	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 sewer system.	50	0.5		Future Construction Planned	N/A	N/A
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
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 Complete	N/A
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
11/1/10	5415	HOLSTON DRIVE	LC	Loves Creek	20	Broken Force Main		The SSO was caused by a broken force main.	170	1.5		N/A	Repair Completed	N/A
8/12/09	5745	SANDIS LANE	LC	Loves Creek	20	Force Main		The force main was damaged during installation of an electric pole.	5,240	1		N/A	Repair Completed	N/A
1/24/10	5760	SANDIS LANE	LC	Loves Creek	20	Influent Structure		There was a temporary electrical power failure at the WWTP during a high rainfall event.	190000	0.75		N/A	N/A	N/A
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
3/22/07	4744 S.	MIDDLEBROOK PIKE	KUW	Third Creek	21	Abandoned Lateral		The sewer main was flushed to remove the blockage caused by roots and debris.	1,500	5		N/A	BA	6 Months
6/26/09	4900	LANDBROOK DRIVE	KUW	Third Creek	21	MH 27-6		The sewer main was flushed to remove the blockage caused by roots, grease and debris.	153	1.5		N/A	BA/Grease Control	3 Months
7/30/08	5405	LANCE DRIVE	KUW	Third Creek	21	MH 10-85		The sewer main was flushed to remove the blockage caused by roots and debris.	4,900	24		N/A	BA	6 Months
3/10/10	955	KNOXVILLE COLLEGE DRIVE	KUW	Third Creek	22	MH 6-78		The sewer main was flushed to remove the blockage caused by vandalism.	1250	1		N/A	BA	12 Months
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
11/12/09	2126	TENNESSEE AVENUE	KUW	Third Creek	22	MH 16-13		The sewer main was flushed to remove the blockage caused by roots.	310	1		N/A	BA	6 Months
3/23/07	2437	KEITH AVENUE	KUW	Third Creek	22	Lateral		The sewer main was flushed to remove the blockage caused by grease and roots.	375	1		N/A	BA / Grease Control	6 Months
2/5/10	2621	BRAGG STREET	KUW	Third Creek	22	MH 21-123		The sewer main was flushed to remove the blockage caused by debris and influenced by heavy rainfall.	60	1.5		N/A	BA	6 Months
10/27/06	2706	MYNDERS 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		The sewer main was flushed to remove the blockage caused by grease.	1,000	1		N/A	BA/Grease Control	3 Months
2/2/10	2706	MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		Rainfall in the area produced I & I and high flows in sewer mains.	1000	1	✓	Future Construction Planned	BA	6 Months
2/5/10	2706	MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		Rainfall in the area produced I & I and high flows in sewer mains.	11500	8	✓	Future Construction Planned	BA	6 Months
8/16/10	2706	MYNDERSE AVENUE	KUW	Third Creek	22	MH 18-3		The sewer main was flushed to remove the blockage caused by grease and influenced by heavy						

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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Current 5-Yr Plan	N/A	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
4/20/06	2017	AMHERST AVENUE	KUW	Williams Creek	25	MH 4-111		The sewer main was flushed to remove the blockage caused by debris and resulting from vandalism.	1	0.17		N/A	Repair Completed	N/A
5/6/08	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103		The sewer main was flushed to remove the blockage caused by debris.	115	0.25		N/A	BA	6 Months
6/24/09	2052	DANDRIDGE AVENUE	KUW	Williams Creek	25	MH 4-103 and Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	344	1		N/A	BA/Grease Control	12 Months
11/5/09	3108	LANDVIEW DRIVE	LC	Loves Creek	26	MH 72-134		The sewer main was flushed to remove the blockage caused by roots.	260	1		N/A	BA	6 Months
5/3/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	MH 104-4/BBU	BBU	The SSO/BBU was caused by temporary electrical failure during high rainfall event.	940	1.5		N/A	Repair Completed / BA	12 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
2/18/08	1463	EAST WEISGARBER ROAD	FC	Fourth Creek	27	Leaking Pipe Joint		The sewer main joint was repaired.	10	5		N/A	Repair Completed	N/A
7/13/07	1540	AMHERST ROAD	FC	Fourth Creek	27	MH 22-74		The sewer main was flushed to remove the blockage caused by debris.	16,560	72		N/A	BA	6 Months
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
3/21/06	6917	SEAVER DRIVE	FC	Fourth Creek	27	MH 22-129		The sewer main was flushed to remove the blockage caused by debris.	256	0.5		N/A	BA	12 Months
9/10/04	409	NORTH BELLEMEADE AVE	KUW	Third Creek	28	MH 3-53		The sewer main was flushed to remove the blockage caused by grease.	180	1	✓	Construction Completed	BA/Grease Control	1 Month
9/24/04	409	NORTH BELLEMEADE AVE	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	NORTH BELLEMEADE AVE	KUW	Third Creek	28	Underground Flow		The sewer main was flushed to remove the blockage caused by grease.	2805	27	✓	Construction Completed	BA/Grease Control	1 Month
12/9/04	409	NORTH BELLEMEADE AVE	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	NORTH BELLEMEADE AVENUE	KUW	Third Creek	28	MH 3-53		Heavy rainfall in the area resulted in high flows in the collection system.	300	1		N/A	Repair Completed	N/A
3/8/10	1904	SANDERSON ROAD	KUW	Third Creek	28	MH 16-27		The sewer main was flushed to remove the blockage caused by debris and the protruding lateral was trimmed.	50	1		N/A	Repair Completed/BA	6 Months
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
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
10/25/10	4509	PAPERMILL DRIVE	KUW	Third Creek	28	MH 31		The sewer main was flushed to remove the blockage caused by debris.	500	0.5		N/A	BA	6 Months
7/13/10	4605	CROSBY DRIVE	KUW	Third Creek	28	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by roots and grease.	1450	2		N/A	BA	6 Months
2/1/07	300	KINGSTON COURT	KUW	Third Creek	29	MH 8-50		The sewer main was flushed to remove the blockage caused by roots.	180	1	✓	N/A	Repair Complete	N/A
8/6/07	300	KINGSTON COURT	KUW	Third Creek	29	MH 8-50		The sewer main was repaired.	10	2	✓	N/A	Repair Complete	N/A
11/24/09	601	S. CONCORD STREET	KUW	Third Creek	29	MH 8-10		The sewer main was repaired to remove a collapsed section of sewer main.	60	1		N/A	BA/Grease Control	12 Months
7/15/10	2201	HIGHLAND AVENUE	KUW	Third Creek	29	MH 9-29		The sewer main was flushed to remove the blockage caused by debris.	100	1		N/A	BA	12 Months
6/28/10	2911	JERSEY AVENUE	KUW	Third Creek	29	MH 8-30		The sewer main was flushed to remove the blockage caused by roots.	3,200	24		Construction Underway	BA	3 Months
12/3/08	3413	KINGSTON PIKE	KUW	Third Creek	29	Broken Pipe		There was a collapsed pipe on an undesignated sewer main.	200	10		Future Construction Planned	N/A	N/A
5/25/09	1800	MIDDLEBROOK PIKE	KUW	Third Creek	29	MH 38		The sewer main was flushed to remove the blockage caused by grease.	162	1		N/A	BA/Grease Control	3 Months
2/16/07	100	S HALL OF FAME DRIVE	KUW	First Creek	30	MH 14-3		The sewer main was flushed to remove the blockage caused by debris.	400	3		N/A	BA	6 Months
10/24/07	100	E. MAGNOLIA AVENUE	KUW	First Creek	30	MH 35		The sewer main was flushed to remove the blockage caused by debris.	180	1		N/A	BA	6 Months
6/27/07	208	HUMES STREET	KUW	First Creek	30	Leaking Lateral		The sewer main was flushed to remove the blockage caused by debris.	30	1		N/A	BA	12 Months
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
8/16/10	815	SOUTH CENTRAL STREET	KUW	First Creek	30	MH 3-7		Rainfall in the area produced I & I and high flows in sewer mains.	250	0.5		Current 5-Yr Plan	N/A	N/A
5/25/07	1749	RIVERSIDE DRIVE	KUW	Williams Creek	31	MH 16-2		The sewer main was flushed to remove the blockage caused by grease.	711	2	✓	N/A	BA / Grease Control	6 Months
9/26/10	906	BATHURST ROAD	FC	Fourth Creek	32	MH 4-23		There was a partial blockage in the sewer main caused by roots and influenced by heavy rainfall	5	1		Future Construction Planned	BA	12 Months
9/6/10	8083	KINGSTON PIKE	FC	Fourth Creek	32	MH 9-4		The sewer main was damaged during a gas main installation.	24000	48		N/A	Repair Completed	N/A
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	BA / Grease Control	6 Months
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
5/20/10	410	HASTINGS LANE	FC	Fourth Creek	33	MH 32-48		The sewer main was flushed to remove the blockage caused by roots.	200	1		N/A	BA	6 Months
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		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown		Current 5-Yr Plan	N/A	N/A
11/27/07	6410	DEANE HILL DRIVE	FC	Fourth Creek	33	MH 1-26		The sewer main was flushed to remove the blockage caused by grease.	180	1		N/A	BA / Grease Control	6 Months
12/3/10	100	LEBANON STREET	KUW	Third Creek	34	Private Manhole		The SSO was caused by a broken manhole connection.	40	2		N/A	Repair Completed	N/A
1/27/10	4611	KINGSTON PIKE	KUW	Third Creek	34	Broken Sewer Main		There was a collapsed portion of the sewer main.	1,000	1		N/A	Repair Completed	N/A
4/17/10	5011	KINGSTON PIKE	FC	Fourth Creek	34	MH 58		The sewer main was flushed to remove the blockage caused by debris and a protruding lateral was trimmed.	290	1.4		Future Construction Planned	N/A	N/A
4/16/09	5032	LYONS VIEW PIKE	KUW	Third Creek	34	Residential Grinder Pump		There was an electrical failure of the commercial grinder pump.	510	6.5		N/A	Repair Completed	N/A
1/6/09	5103	KINGSTON PIKE	KUW	Third Creek	34	MH 58		Heavy rainfall in the area resulted in high flows in the collection system.	5,600	11		Future Construction Planned	N/A	N/A
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
4/3/03	1215	ROCKY HILL RD	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
5/22/04	1215	ROCKY HILL RD	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
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
3/24/07	1325	WILLMANN LANE	FC	Fourth Creek	36	Lateral and BBU	BBU	The sewer main was flushed to remove the blockage caused by roots.	1,575	4		N/A	BA	6 Months
4/30/10	6712	DEANE HILL DRIVE	FC	Fourth Creek	36	MH 3-176		The sewer main was flushed to remove the blockage caused by a collapsed manhole and the manhole was repaired.	4320	1		N/A	Repair Completed	N/A
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
10/28/09	6905	WESTLAND DRIVE	FC	Fourth Creek	36	Subsurface		The sewer main was flushed to remove the blockage caused by roots.	4,745	2		Construction Completed	N/A	N/A
10/16/09	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 33		There was a process failure of a construction bypass pumping system. The process was restored	700	1.5		Construction Underway	N/A	N/A
1/25/10	7100	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 32, 33, 34 & 36		Rainfall in the area produced I & I and high flows in sewer mains.	41575	36	✓	Construction Completed	N/A	N/A
2/5/10	7104	ROTHERWOOD DRIVE	FC	Fourth Creek	36	MH 34		Rainfall in the area produced I & I and high flows in sewer mains.	51015	71	✓	Construction Completed	N/A	N/A
1/12/09	7105	DULANEY WAY	FC	Fourth Creek	36	MH 12-86		The sewer main was flushed to remove the blockage caused by roots.	1,780	3.5		N/A	BA	6 months
11/13/02	7112	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by roots.	720	4	✓	Construction Underway	BA	12 Months
3/9/03	7112	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by debris.	19,200	40	✓	Construction Underway	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 I & I and high flows in the sewer mains.	4320	8		Construction Underway	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 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 Underway	BA	6 Months
9/5/02	7712	SHADYLAND DR	FC	Fourth Creek	36	MH 36		The sewer main was flushed to remove the blockage caused by roots.	180	3	✓	Construction Underway	BA	12 Months
6/17/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	PRIM. CLARS. 3, 4, 5 & 6		service.	2000	0.58		N/A	Changes to SOP and Operator Training	N/A
9/22/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		WWTP/There was a mechanical failure of a hydraulic system that resulted in a temporary influent gate closure.	102,483	0.5	✓	N/A	Repair Completed	N/A
11/24/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		Heavy influent flows caused a momentary automated gate closure.	250	0.007	✓	N/A	Changes to SOP and Operator Training	N/A
12/9/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		Heavy rainfall in the area resulted in high flows in the collection system.	113,590	1.83	✓	N/A	N/A	N/A
12/9/04	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Tank Overflow		WWTP/The aeration splitter box overflowed due to excessive wet weather flows through the WWTP.	29,123	2.67		N/A	N/A	N/A
3/28/05	1500	LYONS BEND RD (4TH CREEK)	FC	Fourth Creek	37	Influent Structure		processes.	50,410	2	✓	N/A	N/A	N/A
9/23/06	1500	LYONS BEND DRIVE	FC	Fourth Creek	37	Influent Structure		Plant influent gate was partially closed to prevent damage to critical plant equipment by high flows.	489000	2.88		N/A	Changes to SOP and Operator Training	N/A
6/7/07	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Leaking Valve		There was a leak from a valve on a sludge line.	25	0.58		N/A	Repair Complete	N/A
9/26/09	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure		There was an electrical failure at the plant. Electrical power was restored to the plant.	40,000	0.06	✓	N/A	Changes to SOP and Operator Training	N/A
12/9/09	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure		There was an electrical failure at the plant. Electrical power was restored to the plant.	480,000	0.45	✓	N/A	Repair Complete	N/A
1/24/10	1500	LYONS BEND ROAD	FC	Fourth Creek	37	Influent Structure & MLSS Wetwell		Rainfall in the area produced I & I and high flows in sewer mains.	74000	1.62		Future Construction Planned	N/A	N/A
12/1/10	1500	LYONS BEND ROAD	FC	Fourth Creek	37	MH 1		Rainfall in the area produced I & I and high flows in sewer mains.	1840000	11.5		Future Construction Planned	N/A	N/A
8/27/10	1700	EVENING SHADE LANE	FC	Fourth Creek	37	Broken Force Main		The SSO was caused by a broken force main.	10	3		N/A	Repair Completed	N/A
1/18/10	1712	POLKWRIGHT LANE	FC	Fourth Creek	37	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	5	1		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
9/25/06	6410	S. NORTHSHORE 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					

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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Curent 5-Yr Plan	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
2/6/04	438	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
3/6/04	438	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
6/25/04	438	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	438	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30 & 29-2		Heavy rainfall in the area resulted in high flows in the collection system.	7200	6	✓	Construction Completed	BA	12 Months
12/7/04	438	MARYVILLE PIKE	KUW	South Knoxville	39	MH 30		Heavy rainfall in the area resulted in high flows in the collection system.	85	2	✓	Construction Completed	BA	12 Months
12/9/04	438	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
2/21/05	438	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	438	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	438	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
9/8/08	438	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
10/22/08	438	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
3/6/09	751	INGERSOLL AVENUE	KUW	South Knoxville	39	MH 4-13		The sewer main was flushed to remove the blockage caused by grease and roots.	405	6		N/A	BA/Grease Control	6 months
10/20/09	850	TALLEY HO DRIVE	KUW	South Knoxville	39	MH 62-21		The sewer main was flushed to remove the blockage caused by roots.	1,870	2		N/A	BA	6 Months
1/6/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		The sewer main was flushed to remove the blockage caused by debris and was influenced by heavy rainfall.	15,000	14.75	✓	Future Construction Planned	N/A	N/A
5/15/09	1233	MARYVILLE PIKE	KUW	South Knoxville	39	MH 27-115		The sewer main was flushed to remove the blockage caused by construction debris.	22	1	✓	N/A	BA	6 Months
11/19/07	2021	CHEROKEE BLUFF DRIVE	KUW	South Knoxville	39	MH 27-280		The sewer main was flushed to remove the blockage caused by roots.	77	1.5	✓	N/A	B A	6 Months
3/3/07	2620	SCOTTISH PIKE	KUW	South Knoxville	39	Leaking Joint		There was a small leak at a pipe joint during a surcharge event caused by widespread power outages due to high winds.	15	1		Construction Completed	N/A	N/A
3/29/07	3804	W. BLOUNT AVENUE	KUW	South Knoxville	39	Abandoned Lateral		An open, abandoned lateral was found in a wet-weather conveyance adjacent to the sewer main.	2,588	1		N/A	Repair Complete	N/A
7/5/10	3808	WEST BLOUNT AVENUE	KUW	South Knoxville	39	Broken Sewer Lateral		The sewer main was flushed to remove the blockage caused by grease and debris.	13000	24		Shortline project to repair line in area	NA	NA
7/10/03	3821	W BLOUNT AVE	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 AVE	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
3/8/03	4411	CYPRESS LN	KUW	South Knoxville	39	MH 62-21		The sewer main was flushed to remove the blockage caused by roots.	1440	8		N/A	BA	12 Months
4/21/06	4411	CYPRESS LANE	KUW	South Knoxville	39	MH 62-21		The sewer main was flushed to remove the blockage caused by roots and debris.	225	3		N/A	BA	3 Months
5/6/03		MARYVILLE PIKE & BLOUNT AVE	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
4/13/01	614	SEVIER AVE	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
11/10/03	614	SEVIER AVE	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
3/19/02	615	SEVIER AVE	KUW	South Knoxville	40	MH 1-43	BB	The sewer main was flushed to remove the blockage caused by grease and debris.	5000	8	✓	Construction Completed	BA/Grease Control	3 Months
5/19/03	615	SEVIER AVE	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
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
6/15/09	900	GERTRUDE AVENUE	KUW	South Knoxville	40	MH 3-70		The sewer main was flushed to remove the blockage caused by roots and debris.	60	0.5		N/A	BA	6 Months
6/17/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	4675	4	✓	Future Construction Planned	N/A	N/A
6/25/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1080	2	✓	Future Construction Planned	N/A	N/A
7/27/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	✓	Future Construction Planned	N/A	N/A
12/9/04	1210	E MOODY AVE	KUW	South Knoxville	40	MH 39		Heavy rainfall in the area resulted in high flows in the collection system.	85,170	41.75	✓	Future Construction Planned	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	✓	Future Construction Planned	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	✓	Future Construction Planned	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	✓	Future Construction Planned	N/A	N/A
1/6/09	1210	EAST 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	✓	Future Construction Planned	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	✓	Future Construction Planned	N/A	N/A
7/13/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	254	1	✓	Future Construction Planned	N/A	N/A
7/28/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	180	1	✓	Future Construction Planned	N/A	N/A
7/31/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 40		Rainfall in the area produced I & I and high flows in sewer mains.	40	0.5	✓	Future Construction Planned	N/A	N/A
9/26/09	1210	E. MOODY AVENUE	KUW	South Knoxville	40	MH 40		Rainfall in the area produced I & I and high flows in sewer mains.	1,780	3	✓	Future Construction Planned	N/A	N/A
1/25/10	1210	MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	40A2 Trunkline Phase 1 completed 2/11	NA	NA
5/3/10	1210	MOODY AVENUE	KUW	South Knoxville	40	MH 39		Rainfall in the area produced I & I and high flows in sewer mains.	750	5	✓	40A2 Trunkline Phase 1 completed 2/11	NA	NA
6/13/07	2319	SOUTHSIDE DRIVE	KUW	South Knoxville	40	Leaking Force Main		There was a leak on a force main near the pump station.	225	5		N/A	Repair Complete	N/A
6/7/07	2915	ISLAND HOME AVENUE	KUW	South Knoxville	40	Leaking Force Main		There was a small leak on a force main.	31	2		N/A	Repair Complete	N/A
4/4/05	3741	EAKERS ST	KUW	South Knoxville	40	MH 47-1		Heavy rainfall in the area resulted in high flows in the collection system.	1,200	4	✓	Future Construction Planned	N/A	N/A
5/24/05	3741	EAKERS ST	KUW	South Knoxville	40	MH 47		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Future Construction Planned	N/A	N/A
9/23/06	3741	EAKERS ROAD	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	✓	Future Construction Planned	N/A	N/A
8/6/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	224	0.5	✓	Future Construction Planned	N/A	N/A
9/26/09	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47 & 47-103		Rainfall in the area produced I & I and high flows in sewer mains.	1,900	3	✓	Future Construction Planned	N/A	N/A
1/25/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	Unknown	Unknown	✓	40A2 Trunkline Phase 2 to be built late 2011	NA	NA
5/3/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	450	2.5	✓	40A2 Trunkline Phase 2 to be built late 2011	NA	NA
12/1/10	3741	EAKERS STREET	KUW	South Knoxville	40	MH 47		Rainfall in the area produced I & I and high flows in sewer mains.	1500	3	✓	40A2 Trunkline Phase 2 to be built late 2011	NA	NA
11/27/07	217	LINFORD ROAD	KUW	Knob Creek	41	Leaking Force Main		There was a leak on a 12" force main.	95	1		N/A	Repair Complete	N/A
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
4/15/09	811	EDWARDS DRIVE	KUW	Knob Creek	41	MH 107		The sewer main was flushed to remove the blockage caused by grease.	60	1		N/A	BA/Grease Control	6 months
9/23/06	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Pump Station 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		Future Construction Planned	N/A	N/A
9/24/07	961	E FORD VALLEY ROAD	KUW	Knob Creek	41	Cut Force Main		A contractor cut the pump station force main.	4,500	1.5		Future Construction Planned	Repair Complete	N/A
1/6/09	961	EAST FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	60,000	10	✓	Future Construction Planned	N/A	N/A
8/24/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was an electrical failure at the pump station. Electrical power was restored to the pump station.	100	0.17	✓	Future Construction Planned	N/A	N/A
9/23/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was an electrical failure at the pump station. Electrical power was restored to the pump station.	14,400	8	✓	Future Construction Planned	N/A	N/A
9/26/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		Rainfall in the area produced I & I and high flows in sewer mains.	6,000	2	✓	Future Construction Planned	N/A	N/A
9/27/09	961	E. FORD VALLEY ROAD	KUW	Knob Creek	41	Wetwell		There was heavy debris at the pump station and influenced by high rainfall.	1,800	1	✓	Future Construction Planned	N/A	N/A
12/12/09	5227	MENUTT ROAD	KUW	Knob Creek	41	MH 96		The sewer main was flushed to remove the blockage caused by an unknown object.	1,061	1		Future Construction Planned	BA	6 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		N/A	Repair Completed	N/A
9/12/10	5915	NEUBERT SPRINGS ROAD	KUW	South Knoxville	41	Unnamed MH at Facility		The SSO was caused by temporary electrical power failure during high rainfall event.	294000	3.5		N/A	Electricity was restored to station	NA
11/8/09	6116	SEVIERVILLE PIKE	KUW	South Knoxville	41	MH 107-2		The sewer main was flushed to remove the blockage caused by grease.	510	1		N/A	BA/Grease Control	6 months
8/9/10	6401	OLD VALLEY ROAD	KUW	South Knoxville	41	MH 67-3		The sewer main was flushed to remove the blockage caused by debris.	35	3		NA	blockage abatement	6 Months
2/16/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		Heavy rainfall in the area resulted in high flows in the collection system.	180	2	✓	Future Construction Planned	N/A	N/A
3/13/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to an electrical failure at the station.	600	0.5	✓	Future Construction Planned	N/A	N/A
3/20/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	600	0.34	✓	Future Construction Planned	N/A	N/A
3/30/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	9000	3	✓	Future Construction Planned	N/A	N/A
3/31/03		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	1500					

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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Curent 5-Yr Plan	N/A	N/A
11/30/04	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		There was a mechanical failure in the residential grinder pump.	5	2		N/A	Repair Completed	N/A
6/12/08	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	25	3		Construction Completed	Repair Completed	N/A
8/4/08	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	29	2.33		Construction Completed	Repair Completed	N/A
4/10/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was an electrical failure of the residential grinder pump.	5	3	✓	N/A	Repair Completed	N/A
5/6/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	10	3	✓	N/A	Repair Completed	N/A
6/18/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	11	3	✓	N/A	Repair Completed	N/A
12/1/10	5246	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	2	1	✓	N/A	Repair Completed	N/A
8/30/10	5307	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	15	1	✓	N/A	Repair Completed	N/A
11/17/10	5307	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	10	2.5	✓	N/A	Repair Completed	N/A
9/21/03	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		A landscaping contractor hit and damaged the control box for the residential grinder pump.	5	1		N/A	Repair Completed	N/A
1/2/06	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Grinder Pump		The residential grinder pump was replaced after the mechanical failure of the pump.	10	2		N/A	Repair Completed	N/A
3/30/08	5315	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Wetwell		The electrical breaker on the residential grinder pump station was turned back on.	50	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
12/13/10	5332	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		Grinder pump failure.	30	4		N/A	Repair Completed	N/A
7/25/10	5363	BENT RIVER BOULEVARD	FC	Fourth Creek	43	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	200	4		N/A	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
4/24/07	5516	BROWN ATKIN DRIVE	FC	Fourth Creek	43	Leaking LP Force Main		There was a small leak on a low-pressure force main.	3	2		N/A	Repair Complete	N/A
5/3/02	2600	WOODSON DR	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
4/10/03	2600	WOODSON DR	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 DR	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
8/4/06	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		The electronic failures at the Woodson Drive Pump Station were repaired.	500	1		N/A	Repair Completed	N/A
2/18/09	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		There was an electrical surge and power outage at the pump station during a rainfall event.	190	0.25		Future Construction Planned	N/A	N/A
11/30/10	2600	WOODSON DRIVE	KUW	South Knoxville	44	MH 2-1		Rainfall in the area produced I & I and high flows in sewer mains.	2150	3		KUB has since tested the collection system and is monitoring demand elements.	NA	NA
3/18/02		WOODSON DR & DEANBROOK RD	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
9/21/02		WOODSON LIFTSTATION	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		WOODSON DR	KUW	South Knoxville	44	MH 2-1		The wastewater pump station overflowed due to an electrical failure at the station.	6000	1	✓	N/A	Repair Completed	12 Months
2/14/03		WOODSON DR & DEANBROOK R	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		WOODSON DR & DEANBROOK R	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
5/11/03		WOODSON DR & DEANBROOK R	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		WOODSON DRIVE LIFT STATION	KUW	South Knoxville	44	MH 2-1		Pumpstation failure-Electrical/The pump station electrical power was restored after 1 hour and 37 minutes due to a severe thunder storm.	2400	1		Future Construction Planned	N/A	N/A
8/3/10	2636	MARYVILLE PIKE	KUW	South Knoxville	45	MH 10-2		The SSO was caused by a failure of a construction bypass pumping system.	60	0.15		NA	bypass pump was repaired after it was undetected.	NA
8/3/10	2641	MARYVILLE PIKE	KUW	South Knoxville	45	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	20	4		NA	Pump was repaired	NA
3/12/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Pump Station Wetwell		There was a total loss of electrical service to the station due to squirrels.	180	1	✓	Construction Completed	N/A	N/A
9/24/06	2907	GINNBROOKE LANE	KUW	Knob Creek	47	Pump Station 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
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
5/22/01		GINNBROOKE LIFT STATION	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		GINNBROOKE LIFT STATION	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		GINNBROOKE LIFT STATION	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		GINNBROOKE LIFT STATION	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
9/21/02		GINNBROOKE LIFT STATION	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		GINNBROOKE LIFT STATION	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
3/6/04		GINNBROOK LIFT STATION	KUW	Knob Creek	47	Wetwell		Pumpstation failure-Electronic/The electronic controls that actuate the pumps malfunctioned.	2250	0.75		Future Construction Planned	Repair Completed	N/A
4/4/06	5105	BALL ROAD	FC	Fourth Creek	49	Ruptured Force Main		The force main was repaired.	442400	252		N/A	Repair Completed	N/A
4/17/10	5105	BALL ROAD	KUW	Third Creek	49	Broken Force Main		The SSO was the result of a broken force main.	72675	2		N/A	Repair Completed	N/A
12/26/07	5922	GRAY GABLES DRIVE	FC	Fourth Creek	49	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris.	62	1		N/A	BA	12 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
1/25/10	6621	CLINTON HIGHWAY	KUW	Third Creek	50	Air Release Valve		The air release valve malfunctioned resulting in an SSO.	190	2		N/A	Repair Completed	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
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
12/29/07	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
2/5/08	1338	OGLESBY ROAD	LC	Loves Creek	66	Leaking Force Main		The force main was repaired.	580	2		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
4/9/10	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	Private Property/BBU	BBU	The sewer main was flushed to remove the blockage caused by debris.	950	15		N/A	BA	12 Months
6/10/05	7620	BUD HAWKINS RD	EB	NEKUD	101	Wetwell		Equipment damaged by lightning strike was repaired and the station was returned to service.	2,880	1		N/A	Repair Completed	N/A
7/12/02		BUD HAWKINS LIFT STATION	EB	NEKUD	101	Wetwell		The wastewater pump station overflowed due to a mechanical failure at the station.	1000	3		N/A	Repair Completed	N/A
2/26/03		BUD HAWKINS LIFT STATION	EB	NEKUD	101	Wetwell		The wastewater pump station overflowed due to an electrical failure at the station.	100	0.17		N/A	Repair Completed	N/A
3/26/09	1925	ROSEWOOD ROAD	LC	Loves Creek	105	Commercial Grinder Pump and BBU		There was a mechanical failure of the commercial grinder pump.	5	1.5		N/A	Repair Completed	N/A
7/1/09	2304	WOODS CREEK ROAD	LC	Loves Creek	105	Residential Grinder Pump		There was a mechanical failure of the residential grinder pump.	50	1		N/A	Repair Completed	N/A
6/6/09	2501	FERNBANK ROAD	LC	Loves Creek	105	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by grease.	44	4		N/A	BA/Grease Control	6 Months
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
2/26/07	6350	RUTLEDGE PIKE	LC	Loves Creek	105	Ruptured Force Main		A private contractor ruptured a 6" force main during an excavation.	16	1		N/A	Repair Complete	N/A
10/31/05	5001	MALONEYVILLE RD	EB	NEKUD	109	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	6,101	1.5	✓	Future Construction Planned	BA	6 Months
1/17/06	5001	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	408	1	✓	Construction Completed	BA	1 Month
7/23/07	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		The pump station barscreen was cleaned to remove the blockage caused by heavy debris.	3,000	1	✓	Construction Completed	N/A	N/A
8/19/07	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-26		The pump station barscreen was cleaned to remove the blockage caused by heavy debris.	1,440	2	✓	Construction Completed	N/A	N/A
3/2/09	5101	MALONEYVILLE ROAD	EB	Eastbridge	109	MH 93-10		The sewer main was flushed to remove the blockage caused by debris.	360	2		N/A	BA/Grease Control	1 Month
4/23/08	5300	AZINGER LANE	EB	Eastbridge	109	Leaking Force Main		The force main was repaired.	47	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
11/3/07	7220	WASHINGTON PIKE	EB	Eastbridge	109	Leaking Check Valve		The leaking check valve on the residential grinder pump station was repaired.	25	3		N/A	Repair Complete	N/A
6/7/06	8530	CROSSWIND LANDING LANE	EB	Eastbridge	110	Wetwell		There was a failure of the electronic level controls.	150	0.5		N/A	Repair Completed	N/A
7/28/10	8530	CROSSWIND LANDING LANE	EB	Northeast Knox	110	Wet Well		The SSO was caused by a vacuum pump malfunction within the pump station.	3000	5		N/A	Repair Completed	N/A
6/10/10	6310	ROBERTS ROAD	EB	Eastbridge	111	Broken Force Main		The SSO was the result of a broken force main.	150	1		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
5/22/07	8413	WASHINGTON PIKE	EB	Eastbridge	111	Leaking LP Force Main		There was a small leak on a low-pressure force main.	5	2		N/A	Repair Complete	N/A
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
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
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
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
6/12/09	4300	ROBERTS ROAD	EB	Eastbridge	113	Residential Grinder Pump		There was an electrical failure of the commercial grinder pump.	30	1		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
6/26/06	7612	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

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		The sewer main was flushed to remove the blockage caused by roots and was influenced by heavy rainfall.	5,040	14		N/A	BA	3 Months
3/18/09	4125	GREENWAY DRIVE	KUW	First Creek	2	Private Sewer Connection		There was an unconnected private sewer main.	Unknown	Unknown		Curent 5-Yr Plan	N/A	N/A
12/7/04	600	N GALLAHER VIEW RD	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 RD	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 RD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system.	260,000	20	✓	Construction Completed	N/A	N/A
4/2/05	600	N GALLAHER VIEW RD	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 RD	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 RD	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 RD	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	NORTH GALLAHER VIEW ROAD	FC	Fourth Creek	32A	MH 77		Heavy rainfall in the area resulted in high flows in the collection system. The storage tank reached capacity.	105,000	26		N/A	N/A	N/A
1/25/10	608	WALKER SPRINGS ROAD	FC	Fourth Creek	32A	MH 77		Rainfall in the area produced I & I and high flows in sewer mains.	95580	9		N/A	N/A	N/A
7/23/09	2636	CHUKAR ROAD	FC	Fourth Creek	32A	Bypass System		There was a failure of a construction bypass system.	12	0.25		N/A	Repair Completed	N/A
3/18/10	5732	TENNYSON DRIVE	FC	Fourth Creek	32A	MH 49-182		The sewer main was flushed to remove the blockage caused by debris.	20,825	168 Intermittently		N/A	BA	6 Months
3/19/10	6549	CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-2		The sewer main was flushed to remove the blockage caused by debris.	2,030	0.5		N/A	BA	12 Months
9/29/09	8012	WEST CLIFF DRIVE	FC	Fourth Creek	32A	MH 36-7		The sewer main was flushed to remove the blockage caused by grease and roots.	65	1		N/A	BA/Grease Control	6 Months
10/3/02		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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		WALKER SPRINGS RD & N GALLAHER VIEW RD	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
2/10/10	800	BENNETT PLACE	FC	Fourth Creek	32B	Broken Pipe		There was a collapsed portion of the sewer main.	45900	72	✓	Construction Underway	Repair Completed	N/A
8/26/10	800	BENNETT PLACE	FC	Fourth Creek	32B	Broken Sewer		The sewer main was flushed to remove the blockage caused by debris.	7750	24	✓	Construction Underway	Repair Completed	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
7/16/09	8205	CORTELAND DRIVE	FC	Fourth Creek	32B	Lateral Cleanout		The sewer main was flushed to remove th blockage caused by roots and influenced by heavy rainfall.	9	1		N/A	BA	3 Months
10/30/09	1408	MIDDLE DRIVE	KUW	Second Creek	35A	Subsurface		The sewer main was repaired to remove a collapsed section.	7,190	6.5		N/A	Repair Completed	N/A
9/25/07	1610	CLINCH AVENUE IN ALLEY	KUW	Second Creek	35A	End-of-Line		The sewer main was repaired and flushed to remove the blockage caused by debris.	11	1		N/A	BA	3 Months
12/31/06	2004	NEYLAND DRIVE	KUW	Third Creek	35A	MH 1		Partial closure of the influent gate due to a temporary mechanical failure of the influent barscreens.	160000	0.33		N/A	Changes to SOP and Operator Training	N/A
9/26/09	2004	NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		Rainfall in the area produced I & I and high flows in sewer mains.	250,000	0.26	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
12/9/09	2004	NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		There was an electrical failure at the plant. Electrical power was restored to the plant.	3,300,000	0.87		N/A	Repair Completed	N/A
3/23/10	2004	NEYLAND DRIVE	KUW	Second Creek	35A	MH 1		There was an SSO caused by temporary electrical power failure.	50000	0.05		Future Construction Planned (CCP Storage)	N/A	N/A
4/29/09	1801	LAKE AVENUE	KUW	Third Creek	35B	Lateral Cleanout		The broken sewer main was repaired and the partial blockage was flushed.	710	2.25		N/A	Repair Completed	N/A
4/13/09	1848	FRATERNITY PARK DRIVE	KUW	Third Creek	35B	Patio and BBU		The capacity of the sewer main was exceeded when a swimming pool was drained.	650	2.25		N/A	Repair Completed	N/A
3/3/07	2004	NEYLAND DRIVE	KUW	Third Creek	35B	MH 1		Widespread power outages due to high winds resulted in a total power loss to the plant for 130 minutes.	1,170,000	1.5	✓	N/A	Repair Complete	N/A
3/17/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	Unknown	Unknown	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
6/6/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	38,000	0.25	✓	Future Construction Planned (CCP Storage)	Repair Completed	N/A
7/30/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Loss of electrical power to the plant during a severe storm resulted in a partial plant influent bypass.	10,000	0.07	✓	Future Construction Planned (CCP Storage)	Repair Completed	N/A
9/21/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,660,000	2.18	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
9/22/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,300,000	1	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
9/22/02	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	5,700,000	4.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
12/9/04	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Influent Structure		Heavy rainfall in the area resulted in high flows in the collection system.	400,000	2.63		Construction Completed	N/A	N/A
2/15/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester		Foaming in the #6 digester resulted in a spill. Standard operating procedures are addressing the problem.	5500	0.5		N/A	Changes to SOP and Operator Training	N/A
2/22/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	#6 Digester		Foaming in the #6 digester resulted in a spill. Standard operating procedures are addressing the problem.	200	0.1		N/A	Changes to SOP and Operator Training	N/A
3/22/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Filtrate Tank		The filtrate drain line was flushed to remove the blockage caused by debris.	200	0.17		N/A	Changes to SOP and Operator Training	N/A
4/2/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	9,000	1.5		Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
5/20/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Primaries # 3-4 Influent Boxes		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	500	0.17		Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
8/23/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Kuwahee WWTP Digester MH		Pipe capacity was exceeded with normal supernatant flow and sludge dewatering contractor discharge.	0	0.08		N/A	Changes to SOP and Operator Training	N/A
9/23/06	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Secondary Junction Box		The secondary splitter box momentarily overflowed when the intermediate storage tanks filled to their maximum capacity.	50	0.008		N/A	Changes to SOP and Operator Training	N/A
3/3/07	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Ruptured Force Main		Upon restoration of electrical power, a sump pump force main ruptured and was discharged into the ditch by a groundwater sump pump.	10,600	1		N/A	Repair Complete	N/A
2/18/08	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Primary Sludge Pipe		The leak from a primary sludge pipe was repaired.	2,128	0.083		N/A	Repair Completed	N/A
6/11/08	2015	NEYLAND DRIVE	KUW	Third Creek	35B	MH 4-51		Line capacity was exceeded by a waste hauler.	50	0.02		N/A	Repair Completed	N/A
9/4/08	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Broken Pipe		A sewer main was damaged during excavation for a potable water line.	50	0.083		N/A	Repair Completed	N/A
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
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
6/18/09	2303	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-5		The sewer main was flushed to remove the blockage caused by construction debris.	5,491	1		N/A	Repair Completed	N/A
5/8/09	2305	CLINCH AVENUE	KUW	Third Creek	35B	MH 23-27		The broken sewer main was repaired and the partial blockage was flushed.	180	1		N/A	Repair Completed	N/A
6/26/09	2305	CLINCH AVENUE	KUW	Third Creek	35B	MH 39		There was a process failure of a construction bypass pump.	2,328	0.0166		N/A	Repair Completed	N/A
1/24/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,000,000	20.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
1/25/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	50,000	2.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
3/17/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	450,000	9	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
3/18/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	200,000	5.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
9/21/02		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	3000	0.25	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/14/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,600,000	1.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/14/03		SECONDARY JUNCTION BOX @ KUWAHEE WWTP	KUW	Third Creek	35B	Secondary Junction Box		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	3000	0.25	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/15/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	11,700,000	16.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/16/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	12,120,000	18	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/17/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,480,000	7	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/21/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,320,000	2.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
2/22/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	10,870,000	22.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
4/10/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,740,000	3	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
5/5/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	1,050,000	3	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
5/6/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	22,060,000	15	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
5/7/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	19,400,000	15.5	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A
11/6/03		KUWAHEE WWTP	KUW	Third Creek	35B	Influent Structure		During high flow conditions, valve operations deemed necessary by operator to control flow into the WWTP resulted in an inadvertent overflow.	50,000	0.72	✓	Future Construction Planned (CCP Storage)	Changes to SOP and Operator Training	N/A

2001-2010 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		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by debris.	N/A	N/A		N/A	BA	12 Months
9/1/02	3550	PLEASANT RIDGE ROAD	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	N/A	N/A		N/A	BA	3 Months
4/27/05	6220	WESTERN AVE	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	N/A	N/A		N/A	BA/Grease Control	6 Months
4/12/06	2408	ABERDEEN LANE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	10	0.5		Construction Completed	Changes to SOP and Operator Training	N/A
11/8/06	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	200	1.5		N/A	Repair Completed	N/A
1/2/07	1919	LAUREL AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by rags and debris.	15	1		N/A	B A	6 Months
1/9/07	3933	BUFFAT MILL ROAD	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		N/A	Operator Training / B A	6 Months
1/27/07	4419	COSTER ROAD	KUW	First Creek	7	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	2	0.05		N/A	B A	6 Months
1/28/07	1313	GATEWOOD LANE	FC	Fourth Creek	36	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	10	2		N/A	B A	3 Months
2/6/07	4021	VALLEY VIEW DRIVE	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	1	0.03		Construction Completed	N/A	N/A
2/6/07	4101	VALLEY VIEW DRIVE	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		Construction Completed	N/A	N/A
2/11/07	3807	LONAS DRIVE	KUW	Third Creek	25	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	400	2		N/A	B A / Grease Control	12 Months
3/6/07	3831	TALILUNA AVENUE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	3	0.5		N/A	B A	3 Months
4/15/07	4105	MILTON STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots, grease and debris.	2150	Unknown		N/A	B A / Grease Control	6 Months
5/7/07	401	GEORGIA STREET	KUW	First Creek	24	Building Backup		The sewer main was flushed to remove the blockage caused by debris due to a broken pipe.	2	0.25		N/A	Repair Complete	N/A
5/8/07	7309	HARDY LANE	LC	Loves Creek	63	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	1	0.05		Construction Completed	N/A	N/A
5/15/07	220	CLINCH AVENUE	KUW	First Creek	30	Building Backup		A contractor inadvertently left a sewer plug in a customer's service lateral after a manhole rehabilitation.	300	3		N/A	Repair Complete	N/A
5/16/07	909	KINGLAND AVENUE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		N/A	Operator Training	N/A
5/22/07	24 & 2408	ABERDEEN LANE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	4	0.05		N/A	Operator Training	12 Months
5/29/07	1705	SOUTH HILLS DRIVE	KUW	South Knoxville	39	Building Backup		A contractor-operated bypass pump failed during a sewer main replacement project.	244	1	✓	N/A	Repair Complete	N/A
6/5/07	1705	SOUTH HILLS DRIVE	KUW	South Knoxville	39	Building Backup		There was a brief surcharge in the sewer main during restoration.	0	0.05	✓	N/A	Repair Complete	N/A
6/30/07	5901	LOICE LANE	LC	Loves Creek	20	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	100	2		N/A	B A	6 Months
7/28/07	3808	KINCAID STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	225	1		N/A	B A	6 Months
7/28/07	1434	NOLAN AVENUE	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	450	1.5		N/A	B A / Grease Control	6 Months
8/2/07	4213	WALROCK LANE	KUW	Third Creek	12	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	540	1.66		N/A	B A	12 Months
8/3/07	4416	DEERFIELD ROAD	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease and roots.	75	1		N/A	B A / Grease Control	12 Months
8/19/07	3550	PLEASANT RIDGE ROAD	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	8,860	2		N/A	B A / Grease Control	1 Month
8/23/07	501	W. MAIN STREET	KUW	Second Creek	23	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	100	1		N/A	B A	6 Months
8/23/07	6220	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	10	1		N/A	B A / Grease Control	3 Months
8/29/07	3428	LAKE VIEW DRIVE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	1,870	1.5		N/A	B A	6 Months
10/12/07	530	S. GAY STREET	KUW	First Creek	30	Building Backup		The broken sewer pipe was repaired.	24,480	4		Construction Completed	N/A	N/A
11/15/07	3254	WILDERNESS ROAD	KUW	First Creek	18	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	5	0.08		N/A	Operator Training	N/A
11/26/07	1316	KIRBY ROAD	FC	Fourth Creek	33	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	250	5		N/A	B A	3 Months
11/27/07	2905	BELLEVUE STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	91	5		N/A	B A	6 Months
12/14/07	503	HOUSTON STREET	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	32	0.5		N/A	B A	12 Months
12/27/07	2013	COUNTRYHILL LANE	FC	Fourth Creek	32A	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	<1	<0.05		N/A	B A	12 Months
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
10/08/08	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by grease and roots.	200	1		N/A	BA/Grease Control	6 Months
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
12/10/08	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup		There was a power failure at a pump station.	50	1		N/A	Repair Completed	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
01/06/09	1033	KEOWEE AVENUE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the unidentified blockage influenced by heavy rainfall.	1000	0.5		N/A	BA	N/A
01/06/09	5230	MCNUTT ROAD	KUW	Knob Creek	41	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	11	0.25		Future Construction Planned	N/A	N/A
02/01/09	4413	DEERFIELD ROAD	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	1	1		Future Construction Planned	N/A	N/A
03/15/09	268&4728	BALL CAMP PIKE	KUW	Third Creek	12	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	375	0.5		N/A	BA/Grease Control	1 Month
03/17/09	2860	LINDEN AVENUE	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	1	0.02		N/A	BA/Grease Control	3 Months
4/13/09	1848	FRATERNITY PARK DRIVE	KUW	Third Creek	35B	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		The sewer main was flushed to remove the blockage caused by roots.	10	0.17		N/A	BA	6 Months
5/14/09	200	E. JACKSON AVE	KUW	First Creek	30	Building Backup		The service lateral was not reconnected to the sewer main during construction.	900	Intermittent over several weeks		N/A	Repair Completed	N/A
05/20/09	5508	LAKESHORE DRIVE	KUW	Knob Creek	41	Building Backup		Building backup due to sewer main flushing.	1	0.017		N/A	N/A	N/A
05/24/09	4304	GLASGOW ROAD	KUW	First Creek	7	Building Backup		The sewer main was flushed to remove the blockage caused by roots and grease.	100	2.25		N/A	BA/Grease Control	6 Months
05/27/09	8714	STRAWBERRY PLAINS PIKE	EB	Eastbridge	72	Building Backup		Building backup due to sewer main flushing.	2	0.016		N/A	BA/Grease Control	6 Months
05/28/09	2536	NICHOLS AVENUE	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	15	0.33		N/A	BA/Grease Control	12 Months
06/10/09	4016	WAYNE DRIVE	LC	Loves Creek	6	Building Backup		The sewer main was flushed to remove an unknown blockage.	3	0.33		N/A	BA	3 Months
07/13/09	4900	ADA LANE	KUW	First Creek	2	Building Backup		Building backup due to sewer main flushing.	98	0.5		N/A	N/A	N/A
07/15/09	2709	SPRING HILL ROAD	LC	Loves Creek	6	Building Backup		Building backup due to a damaged lateral during gas main installation.	20	6		N/A	N/A	N/A
09/01/09	2716	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	200	9.5		N/A	BA	1 Month
09/25/09	3001	GINNBROOKE LANE	KUW	South Knoxville	47	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	100	120 Intermittently		Future Construction Planned	N/A	N/A
09/26/09	2725	E. GOVERNOR JOHN SEVIER HWY	KUW	Riverdale	60	Building Backup		Rainfall in the area produced I & I and high flows in sewer mains.	50	1		Construction Complete	N/A	N/A
09/26/09	2637	W. BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Rainfall in the area produced I & I and high flows in sewer mains.	1000	2		Construction Complete	N/A	N/A
10/10/09	4111	BRUHIN RD	KUW	Second Creek	10	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	50	29 intermit		N/A	BA/Grease Control	6 Months
10/13/09	3605	GARDEN DRIVE	KUW	First Creek	3	Building Backup		Customer's lateral not reconnected to sewer main after mainline construction.	5	0.25		N/A	Repair Completed	N/A
10/21/09	1300	TEXAS AVENUE	KUW	Second Creek	15	Building Backup		Customer's lateral not reconnected to sewer main after mainline construction.	5	0.5		N/A	Repair Completed	N/A
01/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	Building Backup	✓	The sewer main was flushed to remove the blockage caused by roots and influenced by heavy rainfall.	1000	1		N/A	BA	6 Months
02/03/10	5401	GREENCREST ROAD	KUW	First Creek	1	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	15	1		N/A	BA	6 Months
02/26/10	4337	FOUNTAIN DRIVE	KUW	Third Creek	13	Building Backup		Building backup due to sewer main flushing.	1	0.02		N/A	N/A	N/A
02/26/10	1127	MAGNET PLACE	KUW	Williams Creek	31	Building Backup		The sewer main was flushed to remove the blockage caused by roots and grease.	33	2		N/A	BA/Grease Control	6 Months
03/29/10	319	ECHODALE LANE	KUW	South Knoxville	41	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	5	0.5	N	NA	Repair Completed	NA
03/30/10	2924	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Building backup due to sewer main flushing.	15	0.05		N/A	N/A	N/A
04/05/10	2920	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Building backup due to sewer main flushing.	1	0.02		N/A	N/A	N/A
04/09/10	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	Building Backup	✓	The sewer main was flushed to remove the blockage caused by debris.	950	15		N/A	BA	12 Months
05/03/10	1709	FAIRMONT BOULEVARD	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	300	4		N/A	BA	6 Months
05/03/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup	✓	The SSO/BBU was caused by temporary electrical failure during high rainfall event.	940	1.5		N/A	Repair Completed / BA	12 Months
05/03/10	6421	SHETLAND DRIVE	KUW	South Knoxville	41	Building Backup		The service lateral was not reconnected to the sewer main during construction.	10	1	N	NA	Repair Completed	NA
05/17/10	223	BERNARD AVENUE	KUW	Second Creek	23	Building Backup		The service lateral was not reconnected to the sewer main during construction.	20	4		N/A	Repair Completed	N/A
05/24/10	1316	CASSELL DRIVE	KUW	Second Creek	10	Building Backup		Building backup due to sewer main flushing.	1.5	0.016666667		N/A	N/A	N/A
07/16/10	1700	CLINCH AVENUE	KUW	Second Creek	35A	Building Backup		The service lateral was not reconnected to the sewer main during construction.	500	4		N/A	Repair Completed	N/A
07/22/10	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	500	3		N/A	BA	6 Months
11/07/10	1808	BRADSHAW GARDEN ROAD	KUW	Third Creek	13	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	5	1		N/A	BA	6 Month
11/09/10	735	REED STREET	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	50	2.25		N/A	BA	6 Month
12/06/10	541	WOODLAWN PIKE	KUW	South Knox	40	Building Backup		The SSO was caused by a broken sewer main.	500	5	N	NA	Repair Completed	NA

2001-2010 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
02/03/10	5401	GREENCREST ROAD	KUW	First Creek	1	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	15	1		N/A	BA	6 Months
07/13/09	4900	ADA LANE	KUW	First Creek	2	Building Backup		Building backup due to sewer main flushing.	98	0.5		N/A	N/A	N/A
10/13/09	3605	GARDEN DRIVE	KUW	First Creek	3	Building Backup		Customer's lateral not reconnected to sewer main after mainline construction.	5	0.25		N/A	Repair Completed	N/A
1/9/07	3933	BUFFAT MILL ROAD	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		N/A	Operator Training / B A	6 Months
07/15/09	2709	SPRING HILL ROAD	LC	Loves Creek	6	Building Backup		Building backup due to a damaged lateral during gas main installation.	20	6		N/A	N/A	N/A
2/6/07	4021	VALLEY VIEW DRIVE	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	1	0.03		Construction Completed	N/A	N/A
2/6/07	4101	VALLEY VIEW DRIVE	LC	Loves Creek	6	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		Construction Completed	N/A	N/A
06/10/09	4016	WAYNE DRIVE	LC	Loves Creek	6	Building Backup		The sewer main was flushed to remove an unknown blockage.	3	0.33		N/A	BA	3 Months
1/27/07	4419	COSTER ROAD	KUW	First Creek	7	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	2	0.05		N/A	B A	6 Months
05/24/09	4304	GLASGOW ROAD	KUW	First Creek	7	Building Backup		The sewer main was flushed to remove the blockage caused by roots and grease.	100	2.25		N/A	BA/Grease Control	6 Months
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
10/10/09	4111	BRUHIN RD	KUW	Second Creek	10	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	50	29 intermit		N/A	BA/Grease Control	6 Months
05/24/10	1316	CASSELL DRIVE	KUW	Second Creek	10	Building Backup		Building backup due to sewer main flushing.	1.5	0.016666667		N/A	N/A	N/A
8/3/07	4416	DEERFIELD ROAD	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease and roots.	75	1		N/A	B A / Grease Control	12 Months
02/01/09	4413	DEERFIELD ROAD	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	1	1		Future Construction Planned	N/A	N/A
4/27/05	6220	WESTERN AVE	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	N/A	N/A		N/A	BA/Grease Control	6 Months
8/23/07	6220	WESTERN AVENUE	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	10	1		N/A	B A / Grease Control	3 Months
03/15/09	26&4728	BALL CAMP PIKE	KUW	Third Creek	12	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	375	0.5		N/A	BA/Grease Control	1 Month
8/2/07	4213	WALROCK LANE	KUW	Third Creek	12	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	540	1.66		N/A	B A	12 Months
04/21/09	4213	WALROCK LANE	KUW	Third Creek	12	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	10	0.17		N/A	BA	6 Months
11/07/10	1808	BRADSHAW GARDEN ROAD	KUW	Third Creek	13	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	5	1		N/A	BA	6 Month
02/26/10	4337	FOUNTAIN DRIVE	KUW	Third Creek	13	Building Backup		Building backup due to sewer main flushing.	1	0.02		N/A	N/A	N/A
11/8/06	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	200	1.5		N/A	Repair Completed	N/A
07/22/10	1317	LOUISIANA AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	500	3		N/A	BA	6 Months
10/21/09	1300	TEXAS AVENUE	KUW	Second Creek	15	Building Backup		Customer's lateral not reconnected to sewer main after mainline construction.	5	0.5		N/A	Repair Completed	N/A
11/27/07	2905	BELLEVEUE STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	91	5		N/A	B A	6 Months
05/03/10	1709	FAIRMONT BOULEVARD	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	300	4		N/A	BA	6 Months
10/08/08	2800	FAIRVIEW STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by grease and roots.	200	1		N/A	BA/Grease Control	6 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
7/28/07	3808	KINCAID STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	225	1		N/A	B A	6 Months
4/15/07	4105	MILTON STREET	KUW	First Creek	16	Building Backup		The sewer main was flushed to remove the blockage caused by roots, grease and debris.	2150	Unknown		N/A	B A / Grease Control	6 Months
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
11/15/07	3254	WILDERNESS ROAD	KUW	First Creek	18	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	5	0.08		N/A	Operator Training	N/A
12/14/07	503	HOUSTON STREET	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	32	0.5		N/A	B A	12 Months
03/17/09	2860	LINDEN AVENUE	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	1	0.02		N/A	BA/Grease Control	3 Months
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
05/28/09	2536	NICHOLS AVENUE	KUW	Williams Creek	19	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	15	0.33		N/A	BA/Grease Control	12 Months
6/30/07	5901	LOICE LANE	LC	Loves Creek	20	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	100	2		N/A	B A	6 Months
7/28/07	1434	NOLAN AVENUE	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	450	1.5		N/A	B A / Grease Control	6 Months
9/1/02	3550	PLEASANT RIDGE ROAD	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	N/A	N/A		N/A	BA	3 Months
8/19/07	3550	PLEASANT RIDGE ROAD	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	8,860	2		N/A	B A / Grease Control	1 Month
11/09/10	735	REED STREET	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	50	2.25		N/A	BA	6 Month
05/17/10	223	BERNARD AVENUE	KUW	Second Creek	23	Building Backup		The service lateral was not reconnected to the sewer main during construction.	20	4		N/A	Repair Completed	N/A
8/23/07	501	W. MAIN STREET	KUW	Second Creek	23	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	100	1		N/A	B A	6 Months
5/7/07	401	GEORGIA STREET	KUW	First Creek	24	Building Backup		The sewer main was flushed to remove the blockage caused by debris due to a broken pipe.	2	0.25		N/A	Repair Complete	N/A
01/24/10	1109	BIDDLE STREET	KUW	Williams Creek	25	Building Backup	✓	The sewer main was flushed to remove the blockage caused by roots and influenced by heavy rainfall.	1000	1		N/A	BA	6 Months
2/11/07	3807	LONAS DRIVE	KUW	Third Creek	25	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	400	2		N/A	B A / Grease Control	12 Months
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
3/18/02	5816	HOLSTON HILLS RD	LC	Loves Creek	26	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by debris.	N/A	N/A		N/A	BA	12 Months
12/10/08	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup		There was a power failure at a pump station.	50	1		N/A	Repair Completed	N/A
05/03/10	5816	HOLSTON HILLS ROAD	LC	Loves Creek	26	Building Backup	✓	The SSO/BBU was caused by temporary electrical failure during high rainfall event.	940	1.5		N/A	Repair Completed / BA	12 Months
03/30/10	2924	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Building backup due to sewer main flushing.	15	0.05		N/A	N/A	N/A
04/05/10	2920	SUTHERLAND AVENUE	KUW	Third Creek	28	Building Backup		Building backup due to sewer main flushing.	1	0.02		N/A	N/A	N/A
1/2/07	1919	LAUREL AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by rags and debris.	15	1		N/A	B A	6 Months
09/01/09	2716	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	200	9.5		N/A	BA	1 Month
5/15/07	220	CLINCH AVENUE	KUW	First Creek	30	Building Backup		A contractor inadvertently left a sewer plug in a customer's service lateral after a manhole rehabilitation.	300	3		N/A	Repair Complete	N/A
5/14/09	200	E. JACKSON AVE	KUW	First Creek	30	Building Backup		The service lateral was not reconnected to the sewer main during construction.	900	Intermittent over several weeks		N/A	Repair Completed	N/A
10/12/07	530	S. GAY STREET	KUW	First Creek	30	Building Backup		The broken sewer pipe was repaired.	24,480	4		Construction Completed	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
02/26/10	1127	MAGNET PLACE	KUW	Williams Creek	31	Building Backup		The sewer main was flushed to remove the blockage caused by roots and grease.	33	2		N/A	BA/Grease Control	6 Months
11/26/07	1316	KIRBY ROAD	FC	Fourth Creek	33	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	250	5		N/A	B A	3 Months
1/28/07	1313	GATEWOOD LANE	FC	Fourth Creek	36	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	10	2		N/A	B A	3 Months
01/06/09	1033	KEOWEE AVENUE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the unidentified blockage influenced by heavy rainfall.	1000	0.5		N/A	BA	3 Months
8/29/07	3428	LAKE VIEW DRIVE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris.	1,870	1.5		N/A	B A	6 Months
3/6/07	3831	TALILUNA AVENUE	KUW	Third Creek	38	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	3	0.5		N/A	B A	3 Months
5/29/07	1705	SOUTH HILLS DRIVE	KUW	South Knoxville	39	Building Backup		A contractor-operated bypass pump failed during a sewer main replacement project.	244	1	✓	N/A	Repair Complete	N/A
6/5/07	1705	SOUTH HILLS DRIVE	KUW	South Knoxville	39	Building Backup		There was a brief surcharge in the sewer main during restoration.	0	0.05	✓	N/A	Repair Complete	N/A
09/26/09	2637	W. BLOUNT AVENUE	KUW	South Knoxville	39	Building Backup		Rainfall in the area produced I & I and high flows in sewer mains.	1000	2		Construction Complete	N/A	N/A
4/12/06	2408	ABERDEEN LANE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	10	0.5		Construction Completed	Changes to SOP and Operator Training	N/A
5/22/07	2408	ABERDEEN LANE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	4	0.05		N/A	Operator Training	12 Months
5/16/07	909	KINGLAND AVENUE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	3	0.05		N/A	Operator Training	N/A
12/06/10	541	WOODLAWN PIKE	KUW	South Knox	40	Building Backup		The SSO was caused by a broken sewer main.	500	5	N	NA	Repair Completed	NA
03/29/10	319	ECHODALE LANE	KUW	South Knoxville	41	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	5	0.5	N	NA	Repair Completed	NA
05/20/09	5508	LAKESHORE DRIVE	KUW	Knob Creek	41	Building Backup		Building backup due to sewer main flushing.	1	0.017		N/A	N/A	N/A
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
01/06/09	5230	MCNUTT ROAD	KUW	Knob Creek	41	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	11	0.25		Future Construction Planned	N/A	N/A
05/03/10	6421	SHETLAND DRIVE	KUW	South Knoxville	41	Building Backup		The service lateral was not reconnected to the sewer main during construction.	10	1	N	NA	Repair Completed	NA
09/25/09	3001	GINNBROOKE LANE	KUW	South Knoxville	47	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	100	120 Intermittently		Future Construction Planned	N/A	N/A
09/26/09	2725	E. GOVERNOR JOHN SEVIER HWY	KUW	Riverdale	60	Building Backup		Rainfall in the area produced I & I and high flows in sewer mains.	50	1		Construction Complete	N/A	N/A
5/8/07	7309	HARDY LANE	LC	Loves Creek	63	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	1	0.05		Construction Completed	N/A	N/A
04/09/10	8630	ASHEVILLE HIGHWAY	EB	Eastbridge	72	Building Backup	✓	The sewer main was flushed to remove the blockage caused by debris.	950	15		N/A	BA	12 Months
05/27/09	8714	STRAWBERRY PLAINS PIKE	EB	Eastbridge	72	Building Backup		Building backup due to sewer main flushing.	2	0.016		N/A	BA/Grease Control	6 Months
12/27/07	2013	COUNTRYHILL LANE	FC	Fourth Creek	32A	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	<1	<0.05		N/A	B A	12 Months
07/16/10	1700	CLINCH AVENUE	KUW	Second Creek	35a	Building Backup		The service lateral was not reconnected to the sewer main during construction.	500	4		N/A	Repair Completed	N/A
4/13/09	1848	FRATERNITY PARK DRIVE	KUW	Third Creek	35B	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

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
4/19/06	4800	MALONEYVILLE ROAD	EB	Eastbridge	109	Abandoned Grease Trap		The sewer main was flushed to remove the blockage caused by debris.	479	1	✓	Construction Completed	BA	3 Months
12/18/06	8632	OLD RUTLEDGE PIKE	EB	Eastbridge	110	Leaking Force Main		A leak on a force main was repaired with a pipe clamp.	75	2		N/A	Repair Completed	N/A
1/31/06	6304	ROBERTS ROAD	EB	Eastbridge	111	Broken LP Force Main		A third-party ditching contractor ruptured the low-pressure force main.	234	1		N/A	Repair Completed	N/A
6/8/06	8432	WASHINGTON PIKE	EB	Eastbridge	111	Broken Pipe		The low-pressure force main was broken when a temporary sign pole was driven through the pipe.	180	20		N/A	Repair Completed	N/A
12/19/06	6304	ROBERTS ROAD	EB	Eastbridge	111	Undesignated MH		A sewer plug was not removed after the start-up of a new pump station.	47250	264		N/A	Repair Completed	N/A
6/6/05	5548	WASHINGTON PK	KUW	First Creek	2	Broken Force Main		The intermittent leak from the force main coupling was repaired.	360	1	✓	N/A	Repair Completed	N/A
8/22/05	5548	WASHINGTON PIKE	KUW	First Creek	2	Force Main Valve Leak		The leaking force main valve was repaired.	187	2	✓	N/A	Repair Completed	N/A
9/23/06	4817	BEVERLY ROAD	KUW	First Creek	2	Lateral Cleanout w/ MH 39-4		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	2272	6	✓	Construction Completed	BA	12 Months
1/21/05	5548	WASHINGTON PIKE	KUW	First Creek	2	Leaking Force Main Valve		The leaking force main valve was repaired.	3740	4	✓	N/A	Repair Completed	N/A
2/2/06	5544	WASHINGTON PIKE	KUW	First Creek	2	Leaking LP Force Main		There was a small leak from a coupling on the low-pressure force main.	650	48	✓	N/A	Repair Completed	N/A
3/9/06	5548	WASHINGTON PIKE	KUW	First Creek	2	Leaking LP Force Main		There was a small leak on the low-pressure force main.	265	0.5	✓	N/A	Repair Completed	N/A
6/7/05	4817	BEVERLY RD	KUW	First Creek	2	MH 39-45		Heavy rainfall in the area resulted in high flows in the collection system.	480	4		Construction Completed	BA	12 Months
7/12/02	4963	BEVERLY RD	KUW	First Creek	2	MH 39-48		The sewer main was flushed to remove the blockage caused by roots.	10	0.5		N/A	BA	6 Months
5/22/06	4322	ANDERSON ROAD	KUW	First Creek	2	MH 43-1		The sewer main was flushed to remove the blockage and the pipe was repaired.	2517	7		Construction Completed	Repair Completed / BA	6 Months
9/25/06	5608	JACKSBORO PIKE	KUW	First Creek	3	MH 2-196		The sewer main was flushed to remove the blockage caused by grease.	360	1		Construction Completed	BA/Grease Control	6 Months
6/27/04	2910	RENNOC RD	KUW	First Creek	4	Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	240	4	✓	Construction Completed	BA	6 Months
1/18/06	2910	RENNOC ROAD	KUW	First Creek	4	Cleanout		The sewer main was flushed to remove the blockage caused by debris.	61	1		Construction Completed	BA	6 Months
9/17/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26		Heavy rainfall in the area resulted in high flows in the collection system.	120	2	✓	Construction Completed	BA	6 Months
11/24/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26		Heavy rainfall in the area resulted in high flows in the collection system.	12,000	8	✓	Construction Completed	BA	6 Months
4/8/06	2900	RENNOC ROAD	KUW	First Creek	4	MH 13-26		Heavy rainfall in the area resulted in high flows in the collection system.	7155	7	✓	N/A	BA	6 Months
4/17/03	2900	RENNOC RD	KUW	First Creek	4	MH 13-26 & 13-49		Heavy rainfall in the area resulted in high flows in the collection system.	3960	11	✓	Construction Completed	BA	6 Months
5/6/03	2900	RENNOC RD	KUW	First Creek	4	MH 13-26 & 13-49		Heavy rainfall in the area resulted in high flows in the collection system.	6975	46.5	✓	Construction Completed	BA	6 Months
2/22/03	2900	RENNOC RD	KUW	First Creek	4	MH 13-26 & 13-49 & Lateral	BB	Heavy rainfall in the area resulted in high flows in the collection system.	99,000	60	✓	Construction Completed	BA	6 Months
1/5/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	10,920	7	✓	Construction Completed	BA	6 Months
2/6/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	25,260	27.5	✓	Construction Completed	BA	6 Months
3/6/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	1800	1	✓	Construction Completed	BA	6 Months
12/7/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	98,800	14	✓	Construction Completed	BA	6 Months
12/9/04	2900	RENNOC RD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	745,260	68.5	✓	Construction Completed	BA	6 Months
4/24/06	2900	RENNOC ROAD	KUW	First Creek	4	MH 13-26, 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	322	1	✓	N/A	BA	6 Months
2/16/03	2910	RENNOC RD	KUW	First Creek	4	MH 13-49	BB	Heavy rainfall in the area resulted in high flows in the collection system.	1020	34	✓	Construction Completed	BA	6 Months
7/9/03	2910	RENNOC RD	KUW	First Creek	4	MH 13-49		Heavy rainfall in the area resulted in high flows in the collection system.	720	6	✓	Construction Completed	BA	6 Months
11/6/03	2910	RENNOC RD	KUW	First Creek	4	MH 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	75	1.25	✓	Construction Completed	BA	6 Months
9/17/04	2928	RENNOC RD	KUW	First Creek	4	MH 13-49 & 13-55		Heavy rainfall in the area resulted in high flows in the collection system.	5040	6	✓	Construction Completed	BA	6 Months
12/22/04	2544	FAIR DR	KUW	First Creek	4	MH 71		Heavy rainfall in the area resulted in high flows in the collection system.	1500	4		Construction Completed	BA	36 Months
9/23/06	2544	FAIR DRIVE	KUW	First Creek	4	MH 71		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	2880	6		Construction Completed	BA	36 Months
9/25/06	308	KNOX ROAD	KUW	First Creek	4	MH 80		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	720	6		Future Construction Planned	BA	36 Months
9/23/06	2837	E. WOODROW DRIVE	KUW	First Creek	4	MHS 13-26, 13-49 & 13-55	BB	Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	5040	6	✓	Future 5 Yr Plan	BA	6 Months
1/23/06	2828	LOWE ROAD	KUW	First Creek	4	Unconnected Lateral		A contractor failed to reconnect a service lateral during a sewer rehabilitation project.	15334	9 months		N/A	Repair Completed	N/A
12/16/05	1204	WOODCREST DR	KUW	First Creek	7	Underground Flow		The sewer main was flushed to remove the blockage caused by roots.	1,496	1		N/A	BA	6 Months
3/20/06	1817	ROCKY VIEW WAY	KUW	First Creek	8	MH 7-142		The sewer main was flushed to remove the blockage caused by grease.	10800	4		N/A	BA/Grease Control	6 Months
12/9/04	2528	TECOMA DR	KUW	First Creek	8	MH 9-34		Heavy rainfall in the area resulted in high flows in the collection system.	8800	18.33	✓	Construction Completed	BA	12 Months
2/22/03		TECOMA DR & WHITTLE SPRINGS RD	KUW	First Creek	8	MH 9-34		Heavy rainfall in the area resulted in high flows in the collection system.	960	4	✓	Construction Completed	BA	6 Months
9/23/06	3700	WHITTLE SPRINGS ROAD	KUW	First Creek	8	MH 9-34		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	BA	12 Months
1/23/02	2900	TECOMA DR	KUW	First Creek	8	MH 9-34 & 9-35		Heavy rainfall in the area resulted in high flows in the collection system.	2000	3		Construction Completed	BA	6 Months
3/29/03		TECOMA DR & WHITTLE SPRINGS RD	KUW	First Creek	8	MH 9-34 & 9-35		The sewer main was flushed to remove the blockage caused by grease and debris.	960	2	✓	Construction Completed	BA	6 Months
1/10/06	2631	EMORILAND BLVD	KUW	First Creek	8	MH 9-39		The sewer main was flushed to remove the blockage caused by roots.	92	1		Construction Completed	BA	9 Months
2/16/03		TECOMA DR & WHITTLE SPRINGS RD	KUW	First Creek	8	MH 9-6 & 9-34		Heavy rainfall in the area resulted in high flows in the collection system.	8640	72	✓	Construction Completed	BA	6 Months
1/4/06	928	COLONIAL AVENUE	KUW	First Creek	16	MH 24-20		The sewer main was flushed to remove the blockage caused by roots.	1156	1		N/A	BA	6 Months
2/6/06	1421	N BROADWAY	KUW	First Creek	17	MH 3-25		The sewer main was flushed to remove the blockage caused by accumulated grease and debris from a broken pipe.	2880	24		N/A	BA	6 Months
11/17/06	1517	N. FOURTH AVENUE	KUW	First Creek	17	MH 3-7		Bypass pump failure at the Lower First Creek Storage Tank construction site.	62	1	✓	Construction Completed	Repair Completed	N/A
1/6/04		FOURTH AVE & HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Completed	BA	36 Months
6/25/04	1422	HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	240	4	✓	Construction Completed	BA	36 Months
9/17/04	1422	HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	480	2	✓	Construction Completed	BA	36 Months
11/24/04	1422	HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	75	3	✓	Construction Completed	BA	36 Months
12/7/04	1422	HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	2520	7	✓	Construction Completed	BA	36 Months
6/7/05	1422	HOITT AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	3,850	1	✓	Construction Completed	BA	36 Months
1/19/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	21,000	10	✓	Construction Completed	BA	36 Months
7/15/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	60	1	✓	Construction Completed	BA	36 Months
9/23/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	12,000	10	✓	Construction Completed	BA	36 Months
12/20/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	540	4.5	✓	Construction Completed	BA	36 Months
4/10/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	2550	21.25	✓	Construction Completed	BA	36 Months
4/17/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	120	1	✓	Construction Completed	BA	36 Months
9/22/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	1800	6	✓	Construction Completed	BA	36 Months
4/8/06	1422	HOITT AVENUE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	240	0.25	✓	Construction Completed	BA	12 Months
4/22/06	1422	HOITT AVENUE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	1438	4	✓	Construction Completed	BA	12 Months
11/7/06	1422	HOITT AVENUE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system and was influenced by a bypass pump problem downstream.	5610	5.5	✓	Construction Completed	BA	12 Months
11/15/06	1422	HOITT AVENUE	KUW	First Creek	17	MH 4		Heavy rainfall in the area resulted in high flows in the collection system.	40320	3.5	✓	Construction Completed	BA	12 Months
3/6/04	1422	HOITT AVE	KUW	First Creek	17	MH 4 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	2400	4	✓	Construction Completed	BA	36 Months
5/6/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	28,800	48	✓	Construction Completed	BA	36 Months
7/2/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	900	7.25	✓	Construction Completed	BA	36 Months
7/10/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	500	2	✓	Construction Completed	BA	36 Months
2/22/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4, 4-9 & 4-14		Heavy rainfall in the area resulted in high flows in the collection system.	547,050	72	✓	Construction Completed	BA	36 Months
2/6/04	1500	HOITT AVE	KUW	First Creek	17	MH 4, 4-9 & 4-19		Heavy rainfall in the area resulted in high flows in the collection system.	214,030	21.5	✓	Construction Completed	BA	36 Months
12/9/04	1422	HOITT AVE	KUW	First Creek	17	MH 4, 4-9, & 4-19		Heavy rainfall in the area resulted in high flows in the collection system.	2,660,310	67	✓	Construction Completed	BA	36 Months
2/14/03		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4, 4-9, 4-20 & Lateral		Heavy rainfall in the area resulted in high flows in the collection system.	897,800	96	✓	Construction Completed	BA	36 Months
3/17/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4-8 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	1000	8	✓	Construction Completed	BA	36 Months
1/19/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	3000	10	✓	Construction Completed	BA	36 Months
1/23/02		HOITT AVE & FOURTH AVE	KUW	First Creek	17	MH 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	3600	8	✓	Construction Completed	BA	36 Months
11/1/06	1422	HOITT AVENUE	KUW	First Creek	17	MHS 4 & 3-7		Heavy rainfall in the area resulted in high flows in the collection system.	106470	5	✓	Construction Completed	BA	12 Months
10/27/06	1500	HOITT AVENUE	KUW	First Creek	17	MHS 4 & 4-9		Heavy rainfall in the area resulted in high flows in the collection system.	3350	5	✓	Construction Completed	BA	12 Months
9/23/06	1422	HOITT AVENUE												

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
12/9/04	6410	PAPERMILL DR	FC	Fourth Creek	33	MH 22 & 23		Heavy rainfall in the area resulted in high flows in the collection system.	27,525	22.75	✓	Construction Completed	BA	3 Months
10/29/03	6410	PAPERMILL DR	FC	Fourth Creek	33	MH 23 & 24	BB	The sewer main was flushed to remove the blockage caused by grease.	2880	8		Construction Completed	BA/Grease Control	3 Months
7/6/06	6410	PAPERMILL DRIVE	FC	Fourth Creek	33	MH 24		Heavy rainfall in the area resulted in high flows in the collection system.	3240	3	✓	Construction Completed	N/A	N/A
3/6/06	6504	KINGSTON PIKE	FC	Fourth Creek	33	MHS 1-35 & 1-31	BB	The sewer main was flushed to remove the blockage caused by grease.	286	0.5		N/A	BA/Grease Control	6 Months
9/23/06	6422	PAPERMILL DRIVE	FC	Fourth Creek	33	MHS 24, 23, 22-1 & 22		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	1590	13	✓	Construction Completed	N/A	N/A
1/16/06	1100	BEAVERTON ROAD	FC	Fourth Creek	42	MH 43-2		The sewer main was flushed to remove the blockage caused by debris.	23	0.5		N/A	BA	6 Months
11/28/06	1317	RUDDER OAKS WAY	FC	Fourth Creek	84	Low-Pressure Force Main		A private contractor damaged the low-pressure force main and caused a leak.	1676	3		N/A	Repair Completed	N/A
8/30/06	2335	PINEY GROVE CHURCH ROAD	FC	Fourth Creek	32A	Air Release Valve		The damaged air release valve on the force main was replaced.	9	0.75		N/A	Repair Completed	N/A
2/13/02	5912	WESTMERE DR	FC	Fourth Creek	32A	Cleanout		The sewer main was flushed to remove the blockage caused by grease and roots.	14,400	240		N/A	BA/Grease Control	12 Months
10/3/06	5912	WESTMERE DRIVE	FC	Fourth Creek	32A	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by debris.	375	10		N/A	BA	6 Months
9/23/06	6540	CREEKHEAD DRIVE	FC	Fourth Creek	32A	MH 49-4		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	3240	13		Construction Completed	N/A	N/A
12/2/06	1608	HELMBOLT ROAD	FC	Fourth Creek	32A	MH 49-59		The sewer main was flushed to remove the blockage caused by grease, roots and debris.	360	2		N/A	BA/Grease Control	6 Months
12/2/06	1731	PINEBROOK DRIVE	FC	Fourth Creek	32A	MH 49-9		The sewer main was flushed to remove the blockage caused by grease and debris.	1620	3		N/A	BA/Grease Control	6 Months
1/16/03	2501	MISS ELLIE DR	FC	Fourth Creek	32A	MH 71		The sewer main was flushed to remove the blockage caused by grease and roots.	11,520	96	✓	Construction Completed	BA/Grease Control	6 Months
2/11/03	2501	MISS ELLIE DR	FC	Fourth Creek	32A	MH 71		The broken sewer main was repaired the debris was removed.	300	5	✓	Construction Completed	BA	6 Months
8/7/03	2501	MISS ELLIE DR	FC	Fourth Creek	32A	MH 71		The sewer main was flushed to remove the blockage caused by grease.	480	8	✓	Construction Completed	BA/Grease Control	6 Months
8/13/03	2501	MISS ELLIE DR	FC	Fourth Creek	32A	MH 71		The sewer main was flushed to remove the blockage caused by grease and debris.	1800	6	✓	Construction Completed	BA/Grease Control	6 Months
12/5/06	2501	MISS ELLIE DRIVE	FC	Fourth Creek	32A	MH 71		Heavy debris was physically removed and flushed to clear the blockage caused by vandalism.	8640	2		Construction Completed	BA	6 Months
7/24/06	8216	BENNINGTON DRIVE	FC	Fourth Creek	32B	Lateral Cleanout		The sewer main was flushed to remove the blockage caused by roots.	95	0.25		N/A	BA	6 Months
11/20/06	8040	KINGSTON PIKE	FC	Fourth Creek	32B	MH 9-35		The sewer main was flushed to remove the blockage caused by debris.	72	1	✓	N/A	Repair Completed	N/A
12/2/06	8040	KINGSTON PIKE	FC	Fourth Creek	32B	MHS 9-35 & 9-65		The sewer main continues to be flushed to clear blockages caused by grease and debris until the fiber-optic cable is removed.	2160	2	✓	N/A	Repair Completed	N/A
11/9/06	8025	HAYDEN DRIVE	FC	Fourth Creek	32B	MHS 9-65 & 9-43		The sewer main was flushed to remove the blockage caused by grease.	1246	1	✓	N/A	BA/Grease Control and Repair Completed	24 Months
2/22/03		MCNUTT ROAD LIFT STATION	KUW	Knob Creek	41	MH 95		Heavy rainfall in the area resulted in high flows in the collection system.	14,400	12	✓	Future Construction Planned	N/A	N/A
11/9/06	6107	CHAPMAN HIGHWAY	KUW	Knob Creek	41	MH 66-13		There was a mechanical failure at the Chapman Highway Pump Station.	4500	1.5		N/A	Repair Completed	N/A
4/5/05	612	EDWARDS DR	KUW	Knob Creek	41	MH 67-141		The sewer main was flushed to remove the blockage caused by grease and roots.	60	1		Future Construction Planned	BA/Grease Control	6 Months
2/23/01		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	120,000	20	✓	Future Construction Planned	N/A	N/A
4/13/01		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	4500	1.5	✓	Future Construction Planned	N/A	N/A
7/29/01		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	108,000	24	✓	Future Construction Planned	N/A	N/A
1/19/02		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	78,000	13	✓	Future Construction Planned	N/A	N/A
1/24/02		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	180,000	15	✓	Future Construction Planned	N/A	N/A
1/25/02		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	72,000	12	✓	Future Construction Planned	N/A	N/A
3/18/02		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	91,200	19	✓	Future Construction Planned	N/A	N/A
3/19/02		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	81,600	17	✓	Future Construction Planned	N/A	N/A
7/12/04		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		Heavy rainfall in the area resulted in high flows in the collection system.	2880	1	✓	Future Construction Planned	N/A	N/A
11/24/04		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		Heavy rainfall in the area resulted in high flows in the collection system.	36,000	12	✓	Future Construction Planned	N/A	N/A
12/7/04		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		Heavy rainfall in the area resulted in high flows in the collection system.	24,000	8	✓	Future Construction Planned	N/A	N/A
12/9/04		FORD VALLEY LIFT STATION	KUW	Knob Creek	41	MH 79		Heavy rainfall in the area resulted in high flows in the collection system.	48,000	16	✓	Future Construction Planned	N/A	N/A
2/6/04		MCNUTT LIFT STATION	KUW	Knob Creek	41	MH 95		Heavy rainfall in the area resulted in high flows in the collection system.	27,000	9	✓	Future Construction Planned	N/A	N/A
12/9/04		MCNUTT LIFT STATION	KUW	Knob Creek	41	MH 95		Heavy rainfall in the area resulted in high flows in the collection system.	48,000	16	✓	Future Construction Planned	N/A	N/A
5/31/06	5230	MCNUTT ROAD	KUW	Knob Creek	41	MH 95		The sewer main was flushed to remove the blockage caused by debris from upstream construction.	860	2		N/A	N/A	N/A
1/19/02		MCNUTT ROAD LIFT STATION	KUW	Knob Creek	41	MH 95		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	63,000	14	✓	Future Construction Planned	N/A	N/A
1/24/02		MCNUTT ROAD LIFT STATION	KUW	Knob Creek	41	MH 95		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	90,000	15	✓	Future Construction Planned	N/A	N/A
3/18/02		MCNUTT ROAD LIFT STATION	KUW	Knob Creek	41	MH 95		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	45,600	19	✓	Future Construction Planned	N/A	N/A
3/19/02		MCNUTT ROAD LIFT STATION	KUW	Knob Creek	41	MH 95		The pump station overflowed due to rainfall-related flows exceeding the station capacity.	40,800	17	✓	Future Construction Planned	N/A	N/A
8/12/01	5031	SEVIERVILLE PIKE	KUW	Knob Creek	41	MH 97-12		The sewer main was flushed to remove the blockage caused by roots and debris.	10	0.25		N/A	BA/Grease Control	12 months
9/5/03	5031	SEVIERVILLE PIKE	KUW	Knob Creek	41	MH 97-12		The sewer main was flushed to remove the blockage caused by grease.	30	2		N/A	BA/Grease Control	12 Months
6/15/06	5031	SEVIERVILLE PIKE	KUW	Knob Creek	41	MH 97-12		The sewer main was flushed to remove the blockage caused by debris.	409	1		N/A	BA	9 Months
5/20/06	4757	SEVIERVILLE PIKE	KUW	Knob Creek	41	MH 97-22		The sewer main was flushed to remove the blockage caused by roots.	180	5		N/A	BA	6 Months
5/8/06	533	VIEW PARK DRIVE	KUW	Knob Creek	41	MH 97-30		The sewer main was flushed to remove the blockage caused by roots.	135	1		N/A	BA	6 Months
9/20/04	3001	SHELBOURNE RD	LC	Loves Creek	6	MH 82-1		Heavy rainfall in the area resulted in high flows in the collection system.	25	1	✓	Construction Completed	BA	3 Months
12/17/04	3001	SHELBOURNE RD	LC	Loves Creek	6	MH 82-1		Heavy rainfall in the area resulted in high flows in the collection system.	370	2	✓	Construction Completed	BA	3 Months
4/8/06	3001	SHELBOURNE ROAD	LC	Loves Creek	6	MH 82-1		Heavy rainfall in the area resulted in high flows in the collection system.	38	3	✓	Construction Completed	BA	3 Months
4/22/06	3001	SHELBOURNE ROAD	LC	Loves Creek	6	MH 82-1		Heavy rainfall in the area resulted in high flows in the collection system.	14945	8	✓	Construction Completed	BA	3 Months
9/23/06	3001	SHELBOURNE ROAD	LC	Loves Creek	6	MH 82-1		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	1440	6	✓	Construction Completed	BA	3 Months
4/7/06	3310	LEXANN LANE	LC	Loves Creek	6	MH 82-142		The sewer main was flushed to remove the blockage caused by grease.	48	0.75		N/A	BA/Grease Control	6 Months
1/25/02	201	TULANE RD	LC	Loves Creek	20	MH 21-1		Heavy rainfall in the area resulted in high flows in the collection system.	500	8	✓	Construction Completed	BA	24 Months
3/18/02	201	TULANE RD	LC	Loves Creek	20	MH 21-1		Heavy rainfall in the area resulted in high flows in the collection system.	5000	4	✓	Construction Completed	BA	24 Months
3/22/02	201	TULANE RD	LC	Loves Creek	20	MH 21-1		The sewer main was flushed to remove the blockage caused by roots.	1200	10	✓	Construction Completed	BA	24 Months
8/1/06	201	TULANE ROAD	LC	Loves Creek	20	MH 22		The sewer main was physically cleaned and flushed to remove the blockage caused by debris and resulting from vandalism.	292752	24		N/A	BA	12 Months
8/4/06	3439	E. MAGNOLIA AVENUE	LC	Loves Creek	20	Pump Station Wetwell		The electrical and electronic failures due to a lightning strike at the Burlington Pump Station were repaired.	3000	1		N/A	Repair Completed	N/A
12/27/06	1021	YELLOWSTONE ROAD	LC	Loves Creek	26	MH 93		The sewer main was flushed to remove the blockage caused by roots.	12240	1		N/A	BA	6 Months
11/28/06	735	BAGWELL ROAD	LC	Loves Creek	63	Air Release Valve		There was a leak from an air release valve on a force main.	125	0.75		N/A	Repair Completed	N/A
1/18/06	1815	WAYLAND ROAD	LC	Loves Creek	67	Cleanout		Heavy rainfall in the area resulted in high flows in the collection system.	270	2		N/A	Repair Completed	N/A
12/29/02	4800	MALONEYVILLE RD	EB	NEKUD	101	Lateral		The sewer main was flushed to remove the blockage caused by debris.	240	8	✓	Future Construction Planned	BA	12 Months
8/2/02	4800	MALONEYVILLE RD	EB	NEKUD	101	MH 93-1		The wastewater pump station overflowed due to a mechanical failure at the station.	400	12	✓	Future Construction Planned	Repair Completed	N/A
4/6/04	4900	MALONEYVILLE RD	EB	NEKUD	101	MH 93-1		The sewer main was repaired and put back into service.	280	24		N/A	BA	6 Months
11/8/05	4800	MALONEYVILLE RD	EB	NEKUD	109	Abandoned Grease Trap		The grease trap was pumped and the sewer main was flushed to remove the blockage caused by debris.	598	1.5		Future Construction Planned	BA	6 Months
9/23/06	4105	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 17-8	BB	Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	3240	6		N/A	N/A	N/A
5/11/06	4605	CENTRAL AVENUE PIKE	KUW	Second Creek	10	MH 27		The sewer main was flushed to remove the blockage caused by grease.	36	1		N/A	BA/Grease Control	6 Months
7/1/06	719	W FOURTH AVENUE	KUW	Second Creek	23	MH 19-114		Manhole ring & lid were damaged and sewer main filled with metallic debris & mud. Manhole was repaired and main was cleaned.	24933	12		N/A	Repair Completed	N/A
4/12/06	635	DAMERON AVENUE	KUW	Second Creek	23	MH 19-76		The sewer main was flushed to remove the blockage caused by debris.	144	1		N/A	BA	6 Months
7/7/05	816	BAXTER AVE	KUW	Second Creek	23	MH 19-99		The sewer main was flushed to remove the blockage caused by debris.	840	2		Future Construction Planned	BA	6 Months
10/9/03	1025	ELM ST	KUW	Second Creek	23	MH 19-99		The sewer main was flushed to remove the blockage caused by roots and debris.	360	24		Future Construction Planned	BA	18 Months
4/25/06	816	W. BAXTER AVENUE	KUW	Second Creek	23	MH 19-99		The sewer main was flushed to remove the blockage caused by debris.	675	1	✓	Future Construction Planned	BA	3 Months
2/28/06	810	W FOURTH AVENUE	KUW	Second Creek	23	Underground Flow		The sewer main was flushed to remove the blockage and the pipe was repaired.	1150	1		N/A	Repair Completed	N/A
5/26/06	1015	PHILLIP FULMER WAY	KUW	Second Creek	35A	Broken Pipe		The sewer main was repaired.	64	10		N/A	Repair Completed	N/A
5/18/06	1015	PHILLIP FULMER WAY	KUW	Second Creek	35A	MH 20		The sewer main was flushed to remove the blockage caused by debris.	125	0.5		Future Construction Planned	BA	6 Months
3/10/03	1000	PHILLIP FULMER WAY	KUW	Second Creek	35A	MH 21		The sewer main was flushed to remove the blockage caused by debris.	360	2		Future Construction Planned	BA	6 Months
4/29/05	1015	PHILLIP FULMER WAY	KUW	Second Creek	35A	MH 21		The sewer main was flushed to remove the blockage caused by grease and debris.	2,160	2		Future Construction Planned	BA/Grease Control	6 Months
2/17/03	3430	BLOUNT AVE	KUW	South Knoxville	39	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	120	2		Construction Completed	BA	12 Months
1/19/01		BLOUNT AVE & MCCARTY AVE	KUW	South Knoxville	39	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	3600	3	✓	Construction Completed	BA	12 Months
2/22/01		BLOUNT AVE & MCCARTY AVE	KUW	South Knoxville	39	MH 15		Heavy rainfall in the area resulted in high flows in the collection system.	5500	3	✓	Construction Completed		

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
5/31/05	717	INGERSOLL AVE	KUW	South Knoxville	39	MH 40-9		The sewer main was flushed to remove the blockage caused by grease.	120	1		N/A	BA/Grease Control	12 Months
1/17/06	4132	W MARTIN MILL PIKE	KUW	South Knoxville	39	MH 62-1	BB	The sewer main was flushed to remove the blockage caused by grease and influenced by heavy rainfall.	450	2.5		Construction Completed	BA/Grease Control	6 Months
9/23/06	413	HIGGINS AVENUE	KUW	South Knoxville	39	MH 63		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	3240	6		Future Construction Planned	BA	3 Months
1/31/06	4701	CHAPMAN HWY	KUW	South Knoxville	39	MH 85		The sewer main was flushed to remove the blockage caused by grease.	64	1		N/A	BA/Grease Control	6 Months
12/19/06	4804	GWINFIELD DRIVE	KUW	South Knoxville	39	MH 89		The sewer main was flushed to remove the blockage caused by debris and was due to vandalism.	36608	24		N/A	BA	6 Months
10/17/06	131	INGERSOLL AVENUE	KUW	South Knoxville	39	Underground Flow		The sewer main was flushed to remove the blockage caused by grease and roots.	3366	3		N/A	BA/Grease Control	6 Months
9/23/06	820	GOLDFINCH AVENUE	KUW	South Knoxville	40	MH 45-16		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	8640	6		Future Construction Planned	BA	6 Months
10/3/06	4312	WOODLAWN PIKE	KUW	South Knoxville	40	MH 47-19		The sewer main was flushed to remove the blockage caused by roots.	898	4		N/A	BA	6 Months
12/5/06	1901	MURRAY ROAD	KUW	Third Creek	9	MH 17-279		A private contractor-installed sewer plug was removed from the sewer main.	1250	17		N/A	Repair Completed	N/A
9/23/06	5513	FENWAY LANE	KUW	Third Creek	9	MH 20		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	16200	6		N/A	BA	6 Months
11/3/03	4404	ROYALVIEW AVE	KUW	Third Creek	11	MH 11-150		The sewer main was flushed to remove the blockage caused by debris.	Unknown	Unknown		N/A	BA	12 Months
1/26/06	4404	ROYALVIEW ROAD	KUW	Third Creek	11	MH 11-150		The sewer main was flushed to remove the blockage caused by grease and roots.	45	48		N/A	BA/Grease Control	6 Months
9/23/06	6833	BARKWOOD DRIVE	KUW	Third Creek	11	Pump Station Wetwell		A large tree fell across the facility riser pole knocking out electrical power and the SCADA system during a major rainfall event.	68500	3		N/A	Repair Completed	N/A
10/12/04	5000	WESTERN AVE	KUW	Third Creek	12	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	240	0.5		Construction Completed	N/A	N/A
4/8/06	5000	WESTERN AVENUE	KUW	Third Creek	12	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	409	4	✓	Construction Completed	N/A	N/A
4/24/06	5000	WESTERN AVENUE	KUW	Third Creek	12	MH 1		Heavy rainfall in the area resulted in high flows in the collection system.	660	4	✓	Construction Completed	N/A	N/A
9/28/06	5000	WESTERN AVENUE	KUW	Third Creek	12	MHS 1 & 29		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	1305	6	✓	Construction Completed	N/A	N/A
7/27/06	4003	ELDERWOOD ROAD	KUW	Third Creek	13	MH 22-5		The sewer main was flushed to remove the blockage caused by debris.	16320	4		N/A	BA	6 Months
7/12/06	5029	TENWOOD DRIVE	KUW	Third Creek	21	MH 17-17		The sewer main was flushed to remove the blockage caused by grease and debris.	72	1		N/A	BA/Grease Control	6 Months
1/21/05	5000	WESTERN AVE	KUW	Third Creek	21	MH 34		The sewer main was flushed to remove the blockage caused by roots and upstream third-party flushing.	11220	4		N/A	BA	6 Months
1/18/06	2601	DAYTON STREET	KUW	Third Creek	22	MH 18-130		The sewer main was flushed to remove the blockage caused by grease and roots and was influenced by heavy rainfall.	56	1		N/A	BA/Grease Control	9 Months
11/24/04	2612	WESTERN AVE	KUW	Third Creek	22	MH 18-83		Heavy rainfall in the area resulted in high flows in the collection system.	300	5		Construction Completed	N/A	N/A
7/7/05	2612	WESTERN AVE	KUW	Third Creek	22	MH 18-83		Heavy rainfall in the area resulted in high flows in the collection system/Blockage caused by debris.	2,040	2		N/A	BA/Grease Control	6 Months
1/10/05	2724	WESTERN AVE	KUW	Third Creek	22	MH 18-86		Heavy rainfall in the area resulted in high flows in the collection system.	375	3		N/A	BA	6 Months
8/4/06	2724	WESTERN AVENUE	KUW	Third Creek	22	MH 18-86		Heavy rainfall in the area resulted in high flows in the collection system.	16	0.08	✓	Future Construction Planned	BA	6 Months
9/23/06	2724	WESTERN AVENUE	KUW	Third Creek	22	MH 18-86		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	1080	6	✓	Future Construction Planned	BA	6 Months
10/27/06	2724	WESTERN AVENUE	KUW	Third Creek	22	MH 18-86		Heavy rainfall in the area resulted in high flows in the collection system.	900	5	✓	Future Construction Planned	BA	6 Months
11/1/06	2724	WESTERN AVENUE	KUW	Third Creek	22	MH 18-86		Heavy rainfall in the area resulted in high flows in the collection system.	62	1	✓	Future Construction Planned	BA	6 Months
11/15/06	2724	WESTERN AVENUE	KUW	Third Creek	22	MH 18-86		Heavy rainfall in the area resulted in high flows in the collection system.	1078	3	✓	Future Construction Planned	BA	6 Months
2/28/06	3300	DIVISION STREET	KUW	Third Creek	29	Broken Lateral		The sewer main was flushed to remove the blockage caused by grease and debris.	3866	1.5	✓	Construction Completed	BA/Grease Control	6 Months
3/25/06	3323	DIVISION STREET	KUW	Third Creek	29	Broken Lateral		The sewer main was flushed to remove the blockage caused by debris.	180	1.5	✓	Construction Completed	BA	6 Months
4/17/06	1317	LORAIN STREET	KUW	Third Creek	29	MH 15-113		The sewer main was flushed to remove the blockage caused by debris.	1227	1		N/A	BA	6 Months
11/28/06	3250	MYNATT AVENUE	KUW	Third Creek	29	MH 8-60		The sewer main was flushed to remove the blockage caused by debris.	11220	12		N/A	BA	6 Months
9/23/06	411	HIGHLAND HILLS DRIVE	KUW	Third Creek	34	MH 62		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	3240	6		N/A	BA	6 Months
1/7/06	520	CHEROKEE BLVD	KUW	Third Creek	38	Broken Main		The sewer main was flushed to remove the blockage caused by debris and pipe material.	449	1		N/A	Repair Completed	N/A
9/9/06	4066	VALENCIA ROAD	KUW	Third Creek	38	MH 49-11		The sewer main was flushed to remove the blockage caused by debris and resulting from vandalism.	5460	3.5		N/A	BA	6 Months
9/26/06	2377	NEYLAND DRIVE	KUW	Third Creek	35B	MHS 4-2, 4-36, 4-38 & 4-6		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	2045	1		Future Construction Planned	N/A	N/A
3/2/01		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by debris.	100	1	✓	Construction Completed	BA	3 Months
7/7/01		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by debris.	300	1	✓	Construction Completed	BA	3 Months
8/17/01		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by debris.	500	1	✓	Construction Completed	BA	3 Months
11/14/01		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by grease.	1500	1	✓	Construction Completed	BA/Grease Control	3 Months
4/2/03		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by grease.	50	0.5	✓	Construction Completed	BA	3 Months
8/25/03		KUWAHEE SEPTAGE UNLOADING SITE	KUW	Third Creek	35B	Septage Unloading Site		The waste haulers have been directed to not unload if more than one other hauler is unloading.	30	0.083	✓	Construction Completed	BA	3 Months
10/11/05	2015	NEYLAND DRIVE	KUW	Third Creek	35B	Septage Unloading Site		The sewer main was flushed to remove the blockage caused by grease.	1,726	0.45		N/A	BA/Grease Control	6 Months
5/5/06	2201	CUMBERLAND AVENUE	KUW	Third Creek	35B	Underground Flow		The sewer main was flushed to remove the blockage and the pipe was repaired.	289	1		N/A	Repair Completed	N/A
9/23/06	2015	NEYLAND DRIVE (420 If East)	KUW	Third Creek	35B	Undesignated MH		One influent pump failed during the peak of a high influent flow event. The pump was returned to service as quickly as possible.	2300000	2.8		N/A	Changes to SOP and Operator Training	N/A
8/1/05	4218	MC CALLA AVE	KUW	Williams Creek	19	MH 41-3		The sewer main was flushed to remove the blockage caused by grease.	5	1		N/A	BA/Grease Control	6 Months
11/20/06	4218	MCCALLA AVENUE	KUW	Williams Creek	19	MH 41-3		The sewer main was flushed to remove the blockage caused by debris.	24	2	✓	Construction Completed	N/A	N/A
6/27/06	2429	SELMA AVENUE	KUW	Williams Creek	25	Lateral		The sewer main was flushed to remove the blockage caused by grease.	22440	2.5		N/A	BA/Grease Control	6 Months
3/13/03	2505	DELROSE DR	KUW	Williams Creek	25	MH 11-1 & 12		Heavy rainfall in the area resulted in high flows in the collection system.	4800	4	✓	Construction Completed	N/A	N/A
11/6/03	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	13,000	4	✓	Construction Completed	N/A	N/A
1/5/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	3150	7	✓	Construction Completed	N/A	N/A
2/6/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	1,125,000	23	✓	Construction Completed	N/A	N/A
3/6/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	1440	4	✓	Construction Completed	N/A	N/A
7/27/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	37,400	7	✓	Construction Completed	N/A	N/A
9/17/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	1260	7	✓	Construction Completed	N/A	N/A
10/19/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	2880	4	✓	Construction Completed	N/A	N/A
11/24/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	50,400	8.75	✓	Construction Completed	N/A	N/A
12/1/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	3370	3	✓	Construction Completed	N/A	N/A
12/7/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	250	2	✓	Construction Completed	N/A	N/A
12/9/04	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	360,430	22.17	✓	Construction Completed	N/A	N/A
3/29/05	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	32	3	✓	Construction Completed	N/A	N/A
4/2/05	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	375	4	✓	Construction Completed	N/A	N/A
5/20/05	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	31,680	3	✓	Construction Completed	N/A	N/A
6/7/05	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	90	1	✓	Construction Completed	N/A	N/A
7/7/05	2505	DELROSE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	1,080	2	✓	Construction Completed	N/A	N/A
1/17/06	2505	DELROSE DRIVE	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	1080	2	✓	N/A	Repair Completed	N/A
5/6/03	2500	RIVERSIDE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	3600	8	✓	Construction Completed	N/A	N/A
9/22/03	2500	RIVERSIDE DR	KUW	Williams Creek	25	MH 12		Heavy rainfall in the area resulted in high flows in the collection system.	360	2	✓	Construction Completed	N/A	N/A
10/26/06	923	BIDDLE STREET	KUW	Williams Creek	25	MH 29		The sewer main was flushed to remove the blockage caused by grease.	62	6	✓	N/A	Repair Completed	N/A
12/14/06	923	BIDDLE STREET	KUW	Williams Creek	25	MH 29		The sewer main was flushed to remove the blockage caused by grease.	153	1	✓	N/A	Repair Completed	N/A
9/10/06	800	GRAVES STREET	KUW	Williams Creek	25	MH 31		The sewer main was flushed to remove the blockage caused by grease.	360	3	✓	N/A	Repair Completed	N/A
9/24/06	2059	SAXTON STREET	KUW	Williams Creek	25	MH 4-87		The sewer main was flushed to remove the blockage caused by grease.	180	1.5		N/A	BA/Grease Control	6 Months
9/24/06	2008	RIVERSIDE DRIVE	KUW	Williams Creek	25	MHS 1-1 & 2		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	24511	6		Construction Completed	N/A	N/A

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
9/7/06	3317	BISHOP STREET	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	20	0.5		N/A	BA/Grease Control	6 Months
9/23/06	4105	CENTRAL AVENUE PIKE	KUW	Second Creek	10	Building Backup	✓	Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	100	4		N/A	BA	6 Months
11/6/06	8323	CORTELAND DRIVE	FC	Fourth Creek	32B	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	80	72		N/A	BA	6 Months
9/12/06	2903	CROSS VALLEY ROAD	LC	Loves Creek	6	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	10	0.25		Construction Completed	Changes to SOP and Operator Training	N/A
9/19/06	2914	CROSS VALLEY ROAD	LC	Loves Creek	6	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	2	0.25		Construction Completed	Changes to SOP and Operator Training	N/A
5/30/06	714	DRAKEWOOD DRIVE	EB	Eastbridge	72	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	2	0.07		N/A	Changes to SOP and Operator Training	N/A
2/22/06	328	E MORELIA AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	500	3		N/A	BA	6 Months
3/26/06	317	E QUINCY AVENUE	KUW	Second Creek	15	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	60	1		N/A	BA/Grease Control	6 Months
7/22/06	1115	E RED BUD ROAD	KUW	South Knoxville	40	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	2	0.5		N/A	BA	6 Months
9/23/06	2111	EDGEWOOD AVENUE	KUW	First Creek	16	Building Backup		Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	25	1		Future Construction Planned	BA	6 Months
2/13/06	501	FERN STREET	LC	Loves Creek	20	Building Backup		The sewer main was flushed to remove the blockage caused by roots.	105	8		N/A	BA	6 Months
11/14/06	5109	INSKIP ROAD	KUW	First Creek	4	Building Backup		Rehabilitation contractor failed to reconnect the customer's service lateral.	2	0.25		N/A	Repair Completed	N/A
3/7/06	6504	KINGSTON PIKE	FC	Fourth Creek	33	Building Backup & MHS 1-35 & 1-31	✓	The sewer main was flushed to remove the blockage caused by grease.	3	0.08		N/A	BA/Grease Control	6 Months
7/13/06	4626	KINGSTON PIKE	KUW	Third Creek	34	Building Backup		The sewer main was flushed to remove the blockage caused by grease and a collapsed pipe was replaced.	200	2		N/A	BA/Grease Control	12 Months
4/8/06	4331	MANSION AVENUE	LC	Loves Creek	20	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	60	0.5		N/A	BA/Grease Control	6 Months
1/3/06	2810	MAYFAIR DRIVE	KUW	South Knoxville	40	Building Backup		Routine sewer main flushing by a private contractor resulted in building backup at this residence.	1	0.01		Construction Completed	Changes to SOP and Operator Training	N/A
3/12/06	1610	MC CROSKY AVENUE	KUW	First Creek	17	Building Backup		Routine sewer main flushing by a private contractor resulted in a building backup at this residence.	1	0.02		N/A	BA	6 Months
6/8/06	1022	NAVAHO ROAD	KUW	Third Creek	38	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	1	0.001		N/A	Changes to SOP and Operator Training	N/A
10/26/06	7556	PALMER LANE	LC	Loves Creek	63	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	1	0.02		N/A	BA	6 Months
10/27/06	2015	PASCAL DRIVE (6 UNITS)	KUW	Third Creek	22	Building Backup		The sewer main was flushed to remove the blockage caused by construction debris.	480	1		N/A	Repair Completed	N/A
1/17/06	5811	PLEASANT RIDGE ROAD	KUW	Third Creek	9	Building Backup		The sewer main was flushed to remove the blockage caused by grease and influenced by heavy rainfall.	18017	3		N/A	BA/Grease Control	1 Month
10/30/06	5315	SHANNONDALE ROAD	KUW	First Creek	1	Building Backup		Routine sewer main flushing resulted in a building backup at this residence.	1	0.08		N/A	BA	6 Months
3/31/06	2701	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	61	1	✓	N/A	BA/Repair Completed	1 Month
4/10/06	2701	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	65	1	✓	N/A	BA/Repair Completed	1 Month
4/13/06	2701	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	10	0.5	✓	N/A	BA/Repair Completed	1 Month
7/25/06	2701	SUTHERLAND AVENUE	KUW	Third Creek	29	Building Backup		The sewer main was flushed to remove the blockage caused by debris.	5	0.5	✓	N/A	BA/Repair Completed	1 Month
7/1/06	5020	TENWOOD DRIVE	KUW	Third Creek	21	Building Backup		The sewer main was flushed to remove the blockage caused by grease and debris.	3	0.08		N/A	BA/Grease Control	6 Months
1/4/06	4408	TWIN PINES DRIVE	KUW	Third Creek	11	Building Backup		The sewer main was flushed to remove the blockage caused by roots and debris due to vandalism.	35	0.75		N/A	BA	6 Months
12/15/06	203	W DEPOT AVENUE	KUW	First Creek	30	Building Backup		The sewer main was flushed to remove the blockage caused by grease.	1000	120		N/A	BA/Grease Control	6 Months
1/17/06	4132	W MARTIN MILL PIKE	KUW	South Knoxville	39	Building Backup & MH 62-1	✓	The sewer main was flushed to remove the blockage caused by grease and influenced by heavy rainfall.	1	0.05		Construction Completed	BA/Grease Control	6 Months
1/19/01	2837	WOODROW DR	KUW	First Creek	4	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	N/A	N/A	✓	Future Construction Planned	BA	6 Months
11/6/03	2837	WOODROW DR	KUW	First Creek	4	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	N/A	N/A	✓	Future Construction Planned	BA	6 Months
5/20/05	2837	WOODROW DR	KUW	First Creek	4	Building Backup		Heavy rainfall in the area resulted in high flows in the collection system.	N/A	N/A		Future Construction Planned	BA	6 Months
9/24/06	2837	WOODROW DRIVE	KUW	First Creek	4	Building Backup	✓	Rainfall amounts between 3.95" & 5.05" fell across the service area producing I & I and high flows in the sewer mains.	100	4		Future Construction Planned	BA	6 Months