

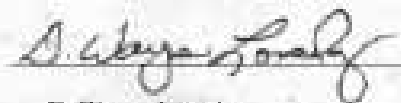
Quarterly Progress Report

Volume 3

Fourth Quarter Report October 1 through December 31, 2005

Submitted to EPA on January 27, 2006

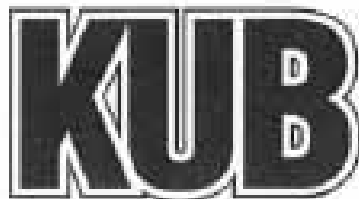
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D. Wayne Loveday



Date



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Executive Summary

On February 11, 2005, the Knoxville Utilities Board (KUB) entered into a Consent Decree with the United States, the State of Tennessee, the Tennessee Clean Water Network, and the City of Knoxville. The following Quarterly Progress Report is submitted to fulfill the reporting requirements described in Section XIX of the Consent Decree.

Consent Decree language, pages 82-83: *"Beginning thirty (30) Days after the first Calendar Quarter following the Date of Entry, and thirty (30) Days after each Calendar Quarter thereafter until termination of the Consent Decree, KUB shall submit to the Parties, and simultaneously place in the PDR, a Quarterly Progress Report. Quarterly Progress Reports shall not be subject to the Public Review Requirement of Section VI.A.2. However, KUB shall receive questions and comments from the public for KUB's review for a period of twenty (20) Days following placement in the PDR. Each Quarterly Progress Report shall contain:*

- 1. A summary of compliance with and activities related to implementation of the Phase 1 CAP/ER and Phase 2 CAP/ER, including: the status of construction projects in comparison to the schedules that have been established pursuant to the Consent Decree for those projects; and schedule deadlines and milestones achieved during Calendar Quarter and expected during the next Calendar Quarter;*
- 2. A summary of compliance with and activities related to implementation of the CPE and CCP;*
- 3. A summary of implementation of and compliance with the Process Controls Program;*
- 4. A summary of the implementation of the Capacity Assurance Program for the Calendar Quarter, including the number of, and anticipated flow from, sewer connections that have been authorized, by Sewerhasin, a description of the projects that have been authorized and the number of credits earned and banked by KUB that will be expended for those projects, by Sewerhasin, and any exceptions granted for connections for essential services;*
- 5. Identification of any transfer of an ownership interest, operation, management, or other control of the Treatment Works, or any portion thereof.*
- 6. A description of the status of compliance or non-compliance with the requirements of this Decree and, if applicable, the reasons for non-compliance, including a list of all violations that are subject to stipulated penalties under Section X of this Decree.*
- 7. A spreadsheet and summary of all SSOs, Bypasses, Diversions and effluent limit violations that occurred during the previous Calendar Quarter. Information on Building Backups may be provided in separate spreadsheets and summaries from other SSOs. The spreadsheets and summaries shall identify:*
 - a. For all SSOs, the location, source, date, time, duration, pathway (if any), receiving water (if any), the reason for each SSO, the total SSO volume, the volume returned to the WCTS, and the volume not captured;*
 - b. For all Bypasses and Diversions, the location, date, time, duration, volume and reason for each Bypass and Diversion; and the total Bypass and Diversion volumes;*
 - c. For all effluent limit violations, all information required to be reported on KUB's Discharge Monitoring Reports.*
- 8. The water quality monitoring data and other information required pursuant to Section VII.D.1.(e). (v). "*

KUB compiled this Quarterly Progress Report to detail the events that occurred during the fourth quarter of 2005 from October 1 through December 31. This is the third quarterly report required of KUB under this Consent Decree. The Consent Decree requirements pertaining to the Phase 1 CAP/ER, Phase 2 CAP/ER, Comprehensive Performance Evaluation, Composite Correction Plan, and Capacity Assurance Program will not be fulfilled in this report since they have not been approved or become due; rather, a description of the status of development for those programs is given. A status update is also provided for the Process Controls Program, which has been revised in accordance with EPA's comments and was resubmitted on November 7, 2005. The Consent Decree reporting requirements for those programs will be met after EPA has approved each of the deliverables.

Report Organization

Section 1: Phase 1 CAP/ER and Phase 2 CAP/ER – Summarizes the status of the development of those deliverables.

Section 2: Comprehensive Performance Evaluation and Composite Correction Plan – Summarizes the status of the development of those deliverables.

Section 3: Process Controls Program – Summarizes the status of the development of the deliverable.

Section 4: Capacity Assurance Program – Summarizes the status of the development of the deliverable.

Section 5: Transfers of Ownership – Identifies any transfers of ownership interest, operation, management, or other control of the treatment works, or any portion thereof.

Section 6: Compliance and Non-Compliance with the Consent Decree – Describes the status of compliance or non-compliance with requirements of the Consent Decree.

Section 7: SSOs, Bypasses, Diversions, and Effluent Limit Violations – Provides a spreadsheet and summary of all SSOs, Bypasses, Diversions, and effluent limit violations.

Section 8: Water Quality Monitoring Data – Summarizes all sampling that was conducted, the results of the sampling, and the projected data collection for the first quarter of 2006.

Status of Deliverables

Below is a list of significant dates on which KUB submitted deliverables to EPA or received approval for deliverables. To date, KUB has submitted all deliverables in accordance with the schedule set forth in the Consent Decree.

October 13, 2005

- Revised version of the Water Quality Monitoring Program sent to EPA.

October 24, 2005

- Submitted to EPA – Infrastructure Rehabilitation Program

October 28, 2005

- Submitted to EPA – Quarterly Progress Report Third Quarter 2005
- Submitted to EPA – Phase I Corrective Action Plan/Engineering Report

November 7, 2005

- Submitted to EPA – Revised Process Controls Program
- Submitted to EPA – Emergency Response Plan

December 12, 2005

- Approved by EPA – Emergency Response Plan

December 15, 2005

- Revised version of Emergency Response Plan sent to EPA

December 27, 2005

- Approved by EPA – Infrastructure Rehabilitation Program

Section 1 Phase 1 CAP/ER and Phase 2 CAP/ER

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... A summary of compliance with and activities related to implementation of the Phase 1 CAP/ER and Phase 2 CAP/ER, including the status of construction projects in comparison to the schedules that have been established pursuant to the Consent Decree for those projects; and schedule deadlines and milestones achieved during Calendar Quarter and expected during next Calendar Quarter."*

KUB began developing a Corrective Action Plan/Engineering Report (CAP/ER) in January 2004, following the completion of the Phase I Sanitary Sewer Overflow Evaluation Report (SSOER) required by the Agreed Order with the Tennessee Department of Environment and Conservation (TDEC) and, subsequently, the Consent Decree. The objective of the Phase I CAP/ER is to identify facility improvements needed to alleviate SSOs occurring in the collection system during the period of 2001-2004 and to support future growth needs. KUB submitted the Phase 1 CAP/ER to EPA on October 28, 2005. The Phase 2 CAP/ER will be submitted to EPA within 12 months after EPA approval of the SSOER Annual Update submitted on April 30, 2008.

Current Capital Improvement Plan for FY 04/05 and FY 05/06

The following is a list of facility improvement projects included in the Capital Improvement Plan for FY 04/05 (July 1, 2004, to June 30, 2005) and FY 05/06 (July 1, 2005, to June 30, 2006). These projects were in various stages during the reporting period including preliminary engineering, design, construction, and completion. Many of these projects are "find and fix" rehabilitation projects. Find work is defined as the inspection (i.e. flow monitoring, CCTV, manhole inspections, smoke testing, etc.) and design phase of the project. Fix is defined as the construction phase that may include manhole rehabilitation/replacement, main line rehabilitation/replacement, and lower lateral rehabilitation/replacement. Other projects are trunkline capacity improvements or wet-weather storage. Each of these projects is considered part of the overall Phase 1 CAP/ER.

Ongoing Projects

First Creek

1. **First Creek 8A1** - Find and design rehabilitation projects in First Creek sewer basin in the North Knoxville area around North Broadway and I-640. Project includes inspection (CCTV, smoke test, manhole inspections), design, rehabilitation of 21,067 lf, and replace 10,273 lf of sewer. Construction will be scheduled when design is complete and will occur in several phases of work.
2. **Upper First Creek Storage** - Design 9 million gallon (MG) wet-weather storage tank to control sewer overflows near Old Broadway during rain events. Construction is underway.
3. **Lower First Creek Storage** - Design 5 MG wet-weather storage tank to control sewer overflows near North Hoitt Avenue during rain events. Construction is underway.
4. **Fountain City Trunkline Replacement** - Replace and upgrade approximately 6000 lf of trunk sewer connecting lines in upper Fountain City to Upper First Creek storage tank.

The project will address SSOs along Broadway, Cedar Lane, and Fountain Road. Preliminary design is underway.

5. **Sub-Basin 8B2** – Characterize the condition of 24,900 lf of pipe to determine rehabilitation needs. Condition Assessment and preliminary design is underway

Second Creek

1. **Second Creek Sub-basin 15 Rehabilitation** - Rehabilitate approximately 23,500 lf of pipe in mini-basin 15D2. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. Construction is underway.
2. **Second Creek 23E1** - Find and design rehabilitation needs for mini-basin 23E1. A total of 28,067 lf of pipe is to be inspected. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. Construction is underway.
3. **Dutch Valley Collector Rehab (Mini-basin 10B1)** – Assess and rehabilitate, where needed, approximately 16,400 lf of collector pipe. Condition Assessment and preliminary design is underway
4. **Richard and Wilson Collector Rehab (Mini-basin 10C1)** – Assess and rehabilitate, where needed, approximately 19,000 lf of collector pipe. Condition Assessment and preliminary design is underway

Third Creek

1. **Third Creek Storage** - Design 4.5 MG wet-weather storage tank to control sewer overflows near Western Avenue and Third Creek Road during rain events. Preliminary design underway.
2. **Third Creek 28B1*** - Find and design rehabilitation needs for collectors in mini-basin 28B1 (approximately 7,900 lf of pipe). Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. The initial condition assessment and preliminary design analysis is complete. Plans are being developed for a future rehabilitation project. No construction is planned in the short-term.
3. **Third Creek Basin 11** - Find and design rehabilitation needs for collectors in sub-basin 11 (approximately 129,657 lf). Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. Construction will be scheduled when design is complete.
4. **Third Creek Basin 9** - Find and design rehabilitation methods for collectors in sub-basin 9 (approximately 177,900 lf). Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. Construction will be scheduled when design is complete.
5. **Third Creek Road Trunk Sewer Replacement** – Project includes approximately 3100 lf of 24 inch and 30 inch trunkline. The project will replace and upgrade the trunkline from Western Avenue along Third Creek to the proposed Third Creek storage facility. It will address overflows occurring at 5600 Western Avenue. Design is underway.
6. **Upper McKamey Trunk Sewer Replacement** – Project will replace approximately 1600 lf of 12 inch and 15 inch trunk sewer. This project will further enhance improvements already made in Third Creek to address overflows along McKamey Road. Design is underway.

Fourth Creek

1. **Papermill Drive Phases I, II, and III** - Design and construct replacement of approximately 4,000 lf of 15-inch and 18-inch sewer in the Papermill Drive area to increase conveyance capacity and reduce sewer overflows. [Phases I & III are complete, Phase II is underway]
2. **Walker Springs Rehabilitation (Mini-Basin 32A4)** - Perform, find, and design work in mini-basin 32A4 in the Walker Springs area. Inspection includes 43,000 lf of smoke testing, 43,000 lf of CCTV, and 228 manhole inspections. Plans will be developed for future rehabilitation work. Condition Assessment and preliminary design is underway
3. **Walker Springs Storage** - Design and begin construction on 3.6 MG wet-weather storage tank to control sewer overflows near Walker Springs Pump Station during rain events. Construction is underway.

South Knox

1. **South Haven Rehabilitation Phase III** - Rehabilitate approximately 21,700 lf of sewers in mini-basin 40F1. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. Construction is underway.
2. **Ginnbrook Pump Station** - Project will include evaluation of pump station and force main to ensure adequate capacity. Project will also include improvements to wet-well, pump system, and valve vault. Design is underway.
3. **Blount Avenue Trunkline C** - Project will examine major trunkline along Blount Avenue in South Knoxville. Project will include field survey, line cleaning, and CCTV inspection. Design report will be prepared to present recommendation on needed improvements. The preliminary design study is underway.

Williams Creek

1. **Williams Creek Trunk Line Replacement** - Design and construct replacement of approximately 3,700 lf of 24-inch sewer to correct structural problems. Construction is underway.

*The project named Third Creek 28B1 replaces Third Creek 28C1 that appeared in the Quarterly Progress Report for the Second Quarter 2005. After additional studies, it was determined that flows from 28B1 more likely contributed to overflows listed in the SSOER along Sutherland Avenue and North Bellemeade.

Completed Projects

First Creek

1. **Fountain Road** - Upsize 3,700 linear feet (lf) of gravity sewer using open cut and pipe bursting methods. Replace manholes and services. [Complete]
2. **Fair Drive Phase II** - Rehabilitate 3691 lf and replace 2458 lf of existing 8-12 inch gravity sewer along Fair Drive. [Complete]
3. **Greenfield Lane** - Replace approximately 3,300 lf of existing sewer with 8-inch and 12-inch PVC and ductile iron pipe. [Complete]

4. **Whites Creek Phase III** - Replace 300 lf of 12-inch, 300 lf of 16-inch, 2,700 lf of 24-inch, and 5,000 lf of 36-inch sewer. [Complete]
5. **First Creek Sub-basins 3 and 4 Rehabilitation** - Find and fix rehabilitation in First Creek sewer basin in the Fountain City area (mini-basins 03B1, 03B2, and 04B2). Project includes inspection (CCTV, smoke test, manhole inspections), design, rehabilitation of 26,500 lf of lines requiring repair, and replace 10,500 lf of sewer. [Complete]

Second Creek

1. **Second Creek Pilleaux PS Collector** - Rehabilitate 19,600 lf of collection system piping in mini-basin 05A4. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. [Complete]

Third Creek

1. **Mynderse, Western, and Canna** - Replace approximately 1,700 lf of 8-inch sewer and pipe-burst approximately 3,400 lf of 8-inch up to 10-inch and 12-inch pipe to address wet-weather capacity restrictions resulting in overflows near Pleasant Ridge Road. [Complete]

Fourth Creek

1. **Pinebrook Drive Sewer Replacement** - Design and construct replacement of 330 lf of 8-inch gravity sewer that has been partially exposed by erosion of the bank of the adjacent drainage channel. [Complete]

South Knox

1. **Maryville Pike** - Design and construct replacement of 800–1,200 lf of 24-inch sewer located in Witherspoon Superfund site. Design will reroute sewer around site. [Complete]
2. **South Haven Phase I and Phase II** - Relocate, rehabilitate, and upsize approximately 4,700 lf of existing collector sewers to increase conveyance capacity and reduce I/I. [Complete]
3. **Island Home Rehabilitation** - Rehabilitate 9,400 lf and replace 1,200 lf of collector sewers to reduce I/I. [Complete]
4. **East Ford Valley Rehabilitation** - Rehabilitate approximately 16,000 lf of sewers in mini-basin 41A4. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. [Complete]
4. **Stone Road Rehabilitation** - Rehabilitate approximately 13,500 lf of sewers in mini-basin 41B1. Project includes inspection (CCTV, smoke test, manhole inspections), design, and rehabilitation of lines requiring repair. [Complete]

Williams Creek

1. **Delrose Force Main Replacement** - Design and construct replacement of approximately 5,000 lf of 16-inch ductile iron pipe force main that has severe structural problems. [Complete]

Section 2 Comprehensive Performance Evaluation Program (CPE) and Composite Correction Plan (CCP)

Consent Decree language, pages 82-83: "Each Quarterly Progress Report shall contain... A summary of compliance with and activities related to implementation of the CPE and CCP,"

KUB, along with representatives from Camp Dresser & McKee Inc. (CDM), have progressed through the subtasks described in the approved Comprehensive Performance Evaluation Scope. All tasks and subtasks are complete and the CPE document is currently in the final review stages. Included in the CPE are short-term actions and CCP elements. The short-term actions will be addressed once the CPE is approved. The CCP elements, which include rehabilitation and/or upgrades to the Kuwahee, Fourth Creek, and possibly to Loves Creek WWTPs, will be addressed in the CCP following the approval of the CPE.

The CPE will be placed in the PDR for public comment on January 13, 2006. This deliverable will be submitted to EPA by February 28, 2006.

Section 3 Process Controls Program

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... A summary of implementation of and compliance with the Process Controls Program."*

The Process Controls Program was revised in accordance with EPA's comments and was resubmitted on November 7, 2005.

Following EPA approval of the PCP, KUB will implement the program in accordance with the following schedule:

	<u>Days from Approval Date</u>
Procure and install additional sampling and monitoring equipment (high flow samplers and TSS meters)	60
Complete supporting standard operating procedures (SOPs)	60
Complete training for operations staff	90

Section 4 Capacity Assurance Program

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... A summary of the implementation of the Capacity Assurance Program for that Calendar Quarter, including the number of, and anticipated flow from, sewer connections that have been authorized, by Sewerbasin, a description of the projects that have been authorized and the number of credits earned and banked by KUB that will be expended for those projects, by Sewerbasin, and any exceptions granted for connections for essential services."*

The Capacity Assurance Program was placed in the PDR on December 16, 2005, and will receive public comments until January 16, 2006. This deliverable will be submitted to EPA by February 10, 2006.

KUB is continuing to evaluate and manage new wastewater connections using its existing CAP based on the TDEC Agreed Order until the Consent Decree CAP is approved.

Appendix A contains a list of all new wastewater service connections that have been applied for and approved for service since the TDEC CAP was implemented in May 2004. The list also shows the wastewater connections that have been approved but have not yet started wastewater service.

Section 5 Transfers of Ownership

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... Identification of any transfer of an ownership interest, operation, management, or other control of the Treatment Works, or any portion thereof."*

There has been no transfer of an ownership interest, operation, management, or other control of the Treatment Works, or any portion thereof, during this reporting period.

Section 6 Compliance and Non-Compliance With the Consent Decree

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain...A description of the status of compliance or non-compliance with the requirements of this Decree and, if applicable, the reasons for non-compliance, including a list of all violations that are subject to stipulated penalties under Section X of this Consent Decree."*

6.1 Submission of Deliverables

To date, KUB has submitted all deliverables in accordance with the schedule set forth in the Consent Decree. The following sections detail all activity related to deliverables that occurred during the past quarter. Also noted are the dates each submittal was available for public comment in the Public Document Repository (PDR), when the deliverable was submitted to EPA, when EPA responded with comments, when KUB responded to those comments, and when EPA approval was received.

6.1.1 Water Quality Monitoring Report

Consent Decree language, page 50: *"No later than one-hundred and eighty (180) Days after Date of Entry, KUB shall submit the Water Quality Monitoring Program described below to: (a) identify Unpermitted Discharges originating at sewer pipe creek crossings and other isolated or remote sewer locations adjacent to or in proximity to waterways; (b) locate the source or sources of such Unpermitted Discharges; and (c) assess the impact upon the environment and public health of such Unpermitted Discharges."*

KUB placed the Water Quality Monitoring Program in the PDR on June 20, 2005. This Review Level 1 Deliverable was available for public comments from June 20, 2005, until July 21, 2005. No comments were received during that period. KUB submitted this deliverable on August 5, 2005. EPA approved this deliverable on September 28, 2005, upon inclusion of a specified condition. The specified inclusion to the program was to add the Knox County Phase 2 MS4 program to the list of agencies that might be notified in case a discharge is identified through KUB's Water Quality Monitoring Program that is unrelated to a KUB sewer problem. KUB responded to the comments from EPA and posted the revised version of this deliverable in the PDR on October 13, 2005.

6.1.2 Process Controls Program

Consent Decree language, page 57: *"No later than one-hundred and fifty (150) Days after the Date of Entry, KUB shall submit a Process Controls Program for the Kawahee, Fourth Creek and Loves Creek WWTPs for use during wet weather operating conditions."*

KUB placed the Process Controls Program in the PDR on May 25, 2005. This Review Level 1 Deliverable was available for public comment from May 25, 2005,

until June 25, 2005. No comments were received during that period. KUB submitted this deliverable on July 8, 2005. EPA disapproved the PCP on September 9, 2005. Due to the extent of the comments and delays in scheduling a meeting with TDEC and EPA to discuss the comments in greater detail, KUB requested a 30-day extension on September 16, 2005. EPA approved the extension on October 3, 2005. This deliverable was resubmitted to EPA on November 7, 2005.

6.1.3 Phase 1 Corrective Action Plan/Engineering Report

Consent Decree language, page 23: *"On or before November 1, 2005, KUB shall submit a Phase 1 Corrective Action Plan/Engineering Report ("Phase 1 CAP/ER") to address the conditions causing SSOs with the goal of eliminating the SSO locations on the Long-Term List."*

KUB placed the Phase 1 Corrective Action Plan/Engineering Report in the PDR on September 12, 2005. This Review Level 1 Deliverable was available for public comment from September 12, 2005, until October 12, 2005. No comments were received during that period. KUB submitted this deliverable on October 28, 2005.

6.1.4 Infrastructure Rehabilitation Program

Consent Decree language, page 28: *"No later than ninety (90) Days after EPA approval of the CSSAP, KUB shall submit an IRP."*

KUB placed the Infrastructure Rehabilitation Program in the PDR on September 14, 2005. This Review Level 1 Deliverable was available for public comment from September 14, 2005, until October 14, 2005. No comments were received during that period. KUB submitted this deliverable on October 24, 2005. EPA approved this deliverable on December 27, 2005.

6.1.5 Emergency Response Plan

Consent Decree language, page 53: *"No later than two-hundred and seventy (270) Days after the Date of Entry, KUB shall submit an Emergency Response Plan."*

KUB placed the Emergency Response Plan in the PDR on September 19, 2005. This Review Level 1 Deliverable was available for public comment from September 19, 2005, until October 19, 2005. No comments were received during that period. KUB submitted this deliverable on November 7, 2005. EPA approved this deliverable on December 12, 2005. The Emergency Response Plan was revised to incorporate some informal comments made by EPA and to include the finalized protocol for coordination between KUB and the Knox County Health Department in the event of an emergency. The revised Emergency Response Plan was sent to EPA and posted in the PDR on December 15, 2005.

6.1.6 Quarterly Progress Report Third Quarter 2005

Consent Decree language, pages 82-83: *"Beginning thirty (30) Days after the first Calendar Quarter following the Date of Entry, and thirty (30) Days after each Calendar Quarter thereafter until termination of the Consent Decree, KUB shall*

submit to the Parties, and simultaneously place in the PDR, a Quarterly Progress Report.

On October 28, 2005, KUB submitted to EPA and placed in the PDR the Quarterly Progress Report for the third quarter 2005. This deliverable was not subject to the Public Review Requirement of Section VLA.2, but it was available for public comment from October 28, 2005, until November 16, 2005. No comments were received during that period.

6.1.7 Capacity Assurance Program

Consent Decree language, page 30: *"No later than three-hundred and sixty-five (365) Days after the Date of Entry, KUB shall submit an Capacity Assurance Program."*

On December 16, 2005, KUB placed the Capacity Assurance Program in the PDR. This Review Level 1 Deliverable is available for public comment until January 16, 2006, and will be submitted to EPA by February 10, 2006.

6.2 Violations Subject to Stipulated Penalties

During this reporting period, KUB incurred three Unpermitted Discharges. Two of those events were due to blockages caused by roots, and one was due to a mechanical failure at a pump station. Table 1 below lists all violations subject to stipulated penalties as outlined in the Consent Decree.

Table 1. Violations Subject to Stipulated Penalties

Violation	Date	Address	Cause
Unpermitted Discharge	12/16/05	1204 Woodcrest Drive	Blockage caused by roots
Unpermitted Discharge	12/25/05	4800 River Place Drive	Mechanical failure
Unpermitted Discharge	12/26/05	4904 Shannon Lane	Blockage caused by roots

Section 7 SSOs, Bypasses, Diversions, and Effluent Limit Violations

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... A spreadsheet and summary of all SSOs, Bypasses, Diversions, and effluent limit violations that occurred during the previous Calendar Quarter. Information on Building Backups may be provided in separate spreadsheets and summaries from other SSOs. The spreadsheets and summaries shall identify:*

- a. For all SSOs, the location, source, date, time, duration, pathway (if any), receiving water (if any), the reason for each SSO, the total SSO volume, the volume returned to the WCTS, and the volume not captured;*
- b. For all Bypasses and Diversions, the location, date, time, duration, volume and reason for each Bypass and Diversion; and the total Bypass or Diversion volumes;*
- c. For all effluent limit violations, all information required to be reported on KUB's Discharge Monitoring Reports."*

7.1 SSOs

Appendix B lists all SSOs that occurred during this reporting period. During this period, there were 16 SSO events. Of that number, 13 were due to blockages by either grease, debris, roots, or a combination thereof, two were due to mechanical failure, and one was due to construction failure. Of the 16 SSO events, seven were in the 0 – 1000 gallons volume range, seven were in the 1001 – 10,000 range, and two events totaled greater than 10,000 gallons. Durations for events during this period are as follows: 11 ranged from 0 – 2 hours, two ranged from 2.1 – 5 hours, two lasted more than five hours, and one duration was unknown.

7.2 Building Backups

Appendix C lists all Building Backups that occurred during this reporting period. During this period, there were seven Building Backups. Causes for these events are as follows: three occurred due to flushing operations, two were due to a blockage, and two were the result of construction failure.

7.3 Bypasses and Diversions

No Bypasses or Diversions occurred during this reporting period.

7.4 Effluent Limit Violations

No effluent limit violations occurred during this reporting period.

Section 8 Water Quality Monitoring Data

Consent Decree language, pages 82-83: *"Each Quarterly Progress Report shall contain... The water quality monitoring data and other information required pursuant to Section VII.D.1.(e)-(v)."*

8.1 Sampling Conducted and Results

Appendix D lists all sampling that was conducted during the reporting period and the results thereof.

8.2 Projected Data Collection

During the first quarter of 2006, KUB will continue to monitor the 24 routine sampling locations in the sewer basins of eight area creeks. KUB will collect samples from the following locations during the first quarter 2006:

Sample Locations by Creek Mile or Site Number

<i>Creek Name</i>	<i>Creek Mile #</i>	<i>Creek Mile #</i>	<i>Creek Mile #</i>
First Creek	0.45	2.57	6.33
Second Creek	0.36	1.54	5.76
Third Creek	0.87	2.08E	4.80W
Fourth Creek	0.55	1.33	1.78
Baker Creek	0.15	0.32	0.36S
Goose Creek	0.35	0.90E	1.50E
Loves Creek	0.85	1.89	3.45
Williams Creek	0.53	1.12	1.67

KUB will also pursue necessary actions to implement the investigative monitoring component to determine whether the pollution is related to sewer or non-sewer sources. Sampling for the investigative component will tentatively begin in February 2006.

Appendix A

Authorized Sewer Connections

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
1	5246 Hugh Willis Road	167	250	1st Creek	Kuwahee	6/20/2005	3rd qtr 2005
2	4222 Homewood Road	167	250	1st Creek	Kuwahee	6/21/2005	3rd qtr 2005
3	3220 Misty Hill Way	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
4	4133 Riverstone Lane	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
5	4134 Oakstone Lane	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
6	4138 Oakstone Lane	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
7	4144 Oakstone Lane	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
8	4607 Mockingbird Drive	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
9	4615 Mockingbird Drive	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
10	4619 Mockingbird Drive	167	250	1st Creek	Kuwahee	7/12/2005	4th qtr 2005
11	5037 Magic Lantern Drive	167	250	1st Creek	Kuwahee	7/13/2005	4th qtr 2005
12	4651 Topsail Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
13	4655 Topsail Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
14	5004 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
15	5008 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
16	5012 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
17	5016 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
18	5020 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
19	5024 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
20	5028 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
21	5032 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
22	5044 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
23	5071 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
24	5075 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
25	5110 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
26	5114 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
27	5118 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
28	5124 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
29	5170 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
30	5174 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
31	5178 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
32	5182 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
33	5185 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
34	5186 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
35	5189 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
36	5190 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
37	528 Dovewood Way	167	250	1st Creek	Kuwahee	7/14/2005	4th qtr 2005
38	4540 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
39	4541 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
40	4544 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
41	4545 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
42	4548 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
43	4554 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
44	4556 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
45	4558 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
46	4559 Roundlake Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
47	4600 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
48	4601 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
49	4604 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
50	4612 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
51	4616 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
52	4620 Topsail Way	167	250	1st Creek	Kuwahee	7/15/2005	4th qtr 2005
53	1711 Maple View Way	4200	6300	1st Creek	Kuwahee	7/19/2005	4th qtr 2005
54	2210 Brice Street	167	250	1st Creek	Kuwahee	7/19/2005	4th qtr 2005
55	4116 Riverstone Lane	167	250	1st Creek	Kuwahee	7/19/2005	4th qtr 2005
56	4117 Riverstone Lane	167	250	1st Creek	Kuwahee	7/19/2005	4th qtr 2005
57	4126 Oakstone Lane	167	250	1st Creek	Kuwahee	7/21/2005	4th qtr 2005
58	4130 Oakstone Lane	167	250	1st Creek	Kuwahee	7/21/2005	4th qtr 2005
59	811 Gratz Street	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
60	5006 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
61	6040 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
62	6034 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
63	6035 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
64	6038 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	7/28/2005	4th qtr 2005
65	1730 Maplestone Lane	167	250	1st Creek	Kuwahee	8/4/2005	4th qtr 2005
66	2606 Wilson Avenue	167	250	1st Creek	Kuwahee	8/4/2005	4th qtr 2005
67	4120 Riverstone Lane	167	250	1st Creek	Kuwahee	8/4/2005	4th qtr 2005
68	4124 Riverstone Lane	167	250	1st Creek	Kuwahee	8/4/2005	4th qtr 2005
69	4741 N Broadway	6000	9000	1st Creek	Kuwahee	8/9/2005	4th qtr 2005
70	6048 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/10/2005	4th qtr 2005
71	5236 Walkercreek Lane	167	250	1st Creek	Kuwahee	8/12/2005	4th qtr 2005
72	2217 Belvoir Avenue	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
73	4121 Riverstone Lane	167	250	1st Creek	Kuwahee	8/16/2005	4th qtr 2005
74	4122 Oakstone Lane	167	250	1st Creek	Kuwahee	8/16/2005	4th qtr 2005
75	803 Gratz Street	167	250	1st Creek	Kuwahee	8/16/2005	4th qtr 2005
76	4218 Homewood Road	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
77	4915 Sunday Silence Drive	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
78	5500 Cornsilk Drive	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
79	5501 Cornsilk Drive	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
80	8100 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
81	8104 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
82	8111 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
83	8115 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/18/2005	4th qtr 2005
84	4914 Sunday Silence Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
85	4915 Sunday Silence Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
86	5005 Blazing Star Lane	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
87	5005 Horsetail Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
88	5010 Horsetail Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
89	5016 Horsetail Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
90	5042 Horsetail Drive	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
91	6043 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
92	6047 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
93	6107 Shannon Valley Farms Blvd	167	250	1st Creek	Kuwahee	8/19/2005	4th qtr 2005
94	5034 Horsetail Drive	167	250	1st Creek	Kuwahee	8/22/2005	4th qtr 2005
95	5050 Horsetail Drive	167	250	1st Creek	Kuwahee	8/22/2005	4th qtr 2005
96	5051 Horsetail Drive	167	250	1st Creek	Kuwahee	8/22/2005	4th qtr 2005
97	4229 Homewood Road	167	250	1st Creek	Kuwahee	8/23/2005	4th qtr 2005
98	4233 Homewood Road	167	250	1st Creek	Kuwahee	8/23/2005	4th qtr 2005
99	4100 Oakstone Lane	167	250	1st Creek	Kuwahee	8/30/2005	4th qtr 2005
100	4201 Homewood Road	167	250	1st Creek	Kuwahee	8/30/2005	4th qtr 2005

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
101	4800 N Broadway	3000	4500	1st Creek	Kuwahee	8/30/2005	4th qtr 2005
102	625 Glenoaks Drive	167	250	1st Creek	Kuwahee	9/1/2005	4th qtr 2005
103	629 Glenoaks Drive	167	250	1st Creek	Kuwahee	9/1/2005	4th qtr 2005
104	633 Glenoaks Drive	167	250	1st Creek	Kuwahee	9/1/2005	4th qtr 2005
105	5017 Ivy Rose Drive	167	250	1st Creek	Kuwahee	9/7/2005	4th qtr 2005
106	3501 Tazewell Pike	148	222	1st Creek	Kuwahee	9/8/2005	4th qtr 2005
107	5038 Horsetail Drive	167	250	1st Creek	Kuwahee	9/13/2005	4th qtr 2005
108	5046 Horsetail Drive	167	250	1st Creek	Kuwahee	9/13/2005	4th qtr 2005
109	6528 Autumn Kayla Lane	167	250	1st Creek	Kuwahee	9/13/2005	4th qtr 2005
110	5009 Horsetail Drive	167	250	1st Creek	Kuwahee	9/14/2005	4th qtr 2005
111	5026 Horsetail Drive	167	250	1st Creek	Kuwahee	9/14/2005	4th qtr 2005
112	5030 Horsetail Drive	167	250	1st Creek	Kuwahee	9/14/2005	4th qtr 2005
113	5013 Horsetail Drive	167	250	1st Creek	Kuwahee	9/15/2005	4th qtr 2005
114	4615 Linton Rose Lane	167	250	1st Creek	Kuwahee	9/20/2005	4th qtr 2005
115	4623 Linton Rose Lane	167	250	1st Creek	Kuwahee	9/20/2005	4th qtr 2005
116	5005 Horsetail Drive	167	250	1st Creek	Kuwahee	9/28/2005	4th qtr 2005
117	5017 Horsetail Drive	167	250	1st Creek	Kuwahee	9/28/2005	4th qtr 2005
118	5021 Horsetail Drive	167	250	1st Creek	Kuwahee	9/28/2005	4th qtr 2005
119	5029 Horsetail Drive	167	250	1st Creek	Kuwahee	9/28/2005	4th qtr 2005
120	5045 Horsetail Drive	167	250	1st Creek	Kuwahee	9/28/2005	4th qtr 2005
121	4710 Truan Ridge Way	835	1,250	1st Creek	Kuwahee	10/4/2005	1st qtr 2006
122	4049 Acorn Dr	167	250	1st Creek	Kuwahee	10/4/2005	1st qtr 2006
123	5605 Cypress Tree Ln	167	250	1st Creek	Kuwahee	10/4/2005	4th qtr 2005
124	5009 Ivy Rose Dr	167	250	1st Creek	Kuwahee	10/6/2005	4th qtr 2005
125	5016 Horsetail Dr	167	250	1st Creek	Kuwahee	10/7/2005	1st qtr 2006
126	4701 Truan Ridge Way	167	250	1st Creek	Kuwahee	10/12/2005	1st qtr 2006
127	5201 Sweet Kathleen Ln	167	250	1st Creek	Kuwahee	10/12/2005	4th qtr 2005
128	5037 Horsetail Dr	167	250	1st Creek	Kuwahee	10/17/2005	1st qtr 2006
129	5041 Horsetail Dr	167	250	1st Creek	Kuwahee	10/17/2005	1st qtr 2006
130	5055 Horsetail Dr	167	250	1st Creek	Kuwahee	10/17/2005	1st qtr 2006
131	3202 Washington Pk	167	250	1st Creek	Kuwahee	10/18/2005	4th qtr 2005
132	3204 Washington Pk	167	250	1st Creek	Kuwahee	10/18/2005	4th qtr 2005
133	3206 Washington Pk	167	250	1st Creek	Kuwahee	10/18/2005	4th qtr 2005
134	4909 Sunday Silence Dr	167	250	1st Creek	Kuwahee	10/20/2005	1st qtr 2006
135	5038 Horsetail Dr	167	250	1st Creek	Kuwahee	10/20/2005	1st qtr 2006
136	1502 N Sixth Ave	0	0	1st Creek	Kuwahee	10/20/2005	1st qtr 2006
137	3228 Tazewell Pk	658	1,000	1st Creek	Kuwahee	10/20/2005	1st qtr 2006
138	4717 Creekrock Ln	167	250	1st Creek	Kuwahee	10/31/2005	1st qtr 2006
139	5222 N Broadway	658	1,000	1st Creek	Kuwahee	11/1/2005	4th qtr 2005
140	5059 Horsetail Dr	167	250	1st Creek	Kuwahee	11/8/2005	1st qtr 2006
141	2203 McCalla Ave	167	250	1st Creek	Kuwahee	11/11/2005	1st qtr 2006
142	4800 Linton Rose Ln	167	250	1st Creek	Kuwahee	11/14/2005	1st qtr 2006
143	5257 Tropicans Dr	167	250	1st Creek	Kuwahee	11/14/2005	4th qtr 2005
144	4205 Homewood Rd	167	250	1st Creek	Kuwahee	11/23/2005	4th qtr 2005
145	4125 Riverstone Ln	167	250	1st Creek	Kuwahee	11/23/2005	4th qtr 2005
146	4238 Homewood Rd	167	250	1st Creek	Kuwahee	11/23/2005	4th qtr 2005
147	4719 Old Broadway	0	0	1st Creek	Kuwahee	12/8/2005	1st qtr 2006
148	1502 N Sixth Ave	0	0	1st Creek	Kuwahee	12/8/2005	1st qtr 2006
149	1212 Fair Dr	167	250	1st Creek	Kuwahee	12/8/2005	1st qtr 2006
150	510 S Gay St	20,040	30,000	1st Creek	Kuwahee	12/8/2005	1st qtr 2006

Not yet connected = shaded

GAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
151	801 Town View Dr	0	0	1st Creek	Kuwahee	12/20/2005	4th qtr 2005
152	5101 Horsetail Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
153	5105 Horsetail Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
154	5109 Horsetail Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
155	5113 Horsetail Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
156	5006 Ivy Rose Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
157	5025 Ivy Rose Dr	167	250	1st Creek	Kuwahee	12/22/2005	1st qtr 2006
158	6060 Medlin Heights Rd	167	250	1st Creek	Kuwahee	12/30/2005	1st qtr 2006
159	4503 Central Avenue Pike	300	450	2nd Creek	Kuwahee	7/21/2005	4th qtr 2005
160	4403 Clinton Hwy	81	122	2nd Creek	Kuwahee	8/16/2005	4th qtr 2005
161	4640 Fennel Road	640	960	2nd Creek	Kuwahee	8/16/2005	4th qtr 2005
162	701 Radford Place	167	250	2nd Creek	Kuwahee	8/30/2005	4th qtr 2005
163	4907 Tillery Road	167	250	2nd Creek	Kuwahee	9/1/2005	4th qtr 2005
164	818 Sidebrook Avenue	167	250	2nd Creek	Kuwahee	9/13/2005	4th qtr 2005
165	1203 Delaware Avenue	167	250	2nd Creek	Kuwahee	9/20/2005	4th qtr 2005
166	405 Chickamauga Avenue	167	250	2nd Creek	Kuwahee	9/27/2005	4th qtr 2005
167	505 Portinax Drive	100	150	2nd Creek	Kuwahee	9/27/2005	4th qtr 2005
168	3226 Leland Street	167	250	2nd Creek	Kuwahee	9/29/2005	4th qtr 2005
169	3232 Leland St	167	250	2nd Creek	Kuwahee	10/6/2005	4th qtr 2005
170	807 Market St	0	0	2nd Creek	Kuwahee	10/12/2005	1st qtr 2006
171	215 Bearden Pl	22,545	33,750	2nd Creek	Kuwahee	10/18/2005	1st qtr 2006
172	822 W Anderson Ave	167	250	2nd Creek	Kuwahee	10/18/2005	1st qtr 2006
173	1115 Connecticut Ave	167	250	2nd Creek	Kuwahee	10/25/2005	1st qtr 2006
174	425 Atlantic Ave	167	250	2nd Creek	Kuwahee	11/11/2005	1st qtr 2006
175	908 E Columbia Ave	167	250	2nd Creek	Kuwahee	11/11/2005	1st qtr 2006
176	912 Ledgerwood Ave	167	250	2nd Creek	Kuwahee	11/11/2005	1st qtr 2006
177	617 Watauga Ave	167	250	2nd Creek	Kuwahee	11/11/2005	1st qtr 2006
178	419 Atlantic Ave	167	250	2nd Creek	Kuwahee	11/11/2005	4th ctr 2005
179	1420 Lantana Ln	167	250	2nd Creek	Kuwahee	11/23/2005	1st qtr 2006
180	1419 Reaves Rd	167	250	2nd Creek	Kuwahee	11/23/2005	4th ctr 2005
181	5504 Central Avenue Pk	0	0	2nd Creek	Kuwahee	11/23/2005	4th ctr 2005
182	115 E Scott Ave	167	250	2nd Creek	Kuwahee	12/6/2005	4th ctr 2005
183	1444 Brada Dr	1,503	2,250	2nd Creek	Kuwahee	12/16/2005	1st ctr 2006
184	2808 Timber Green Lane	167	250	3rd Creek	Kuwahee	6/24/2005	3rd qtr 2005
185	3814 Dance Avenue	175	263	3rd Creek	Kuwahee	6/28/2005	3rd qtr 2005
186	4511 Sunflower Drive	167	250	3rd Creek	Kuwahee	6/28/2005	3rd qtr 2005
187	2529 Maple Branch Lane	276	414	3rd Creek	Kuwahee	6/30/2005	3rd qtr 2005
188	8101 Round Hill Lane	276	414	3rd Creek	Kuwahee	6/30/2005	3rd qtr 2005
189	1120 Murray Drive	167	250	3rd Creek	Kuwahee	7/12/2005	4th qtr 2005
190	1832 Tillery Square Lane	167	250	3rd Creek	Kuwahee	7/12/2005	4th qtr 2005
191	1837 Tillery Square Lane	167	250	3rd Creek	Kuwahee	7/12/2005	4th qtr 2005
192	3812 Cate Avenue	167	250	3rd Creek	Kuwahee	7/13/2005	4th qtr 2005
193	2812 Timber Green Lane	167	250	3rd Creek	Kuwahee	7/14/2005	4th qtr 2005
194	1840 Tillery Square Lane	167	250	3rd Creek	Kuwahee	7/19/2005	4th qtr 2005
195	1844 Tillery Square Lane	167	250	3rd Creek	Kuwahee	7/19/2005	4th qtr 2005
196	3859 Talluna Avenue	167	250	3rd Creek	Kuwahee	7/19/2005	4th qtr 2005
197	6134 High Drive	167	250	3rd Creek	Kuwahee	7/19/2005	4th qtr 2005
198	2818 Shady Grove Lane	167	250	3rd Creek	Kuwahee	7/26/2005	4th qtr 2005
199	4713 Papermill Drive	1140	1710	3rd Creek	Kuwahee	7/26/2005	4th qtr 2005
200	5605 Brierview Lane	167	250	3rd Creek	Kuwahee	7/26/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
201	6127 Morning Glory Place	167	250	3rd Creek	Kuwahee	8/1/2005	4th qtr 2005
202	6133 Morning Glory Place	167	250	3rd Creek	Kuwahee	8/1/2005	4th qtr 2005
203	6136 Morning Glory Place	167	250	3rd Creek	Kuwahee	8/1/2005	4th qtr 2005
204	6137 Morning Glory Place	167	250	3rd Creek	Kuwahee	8/1/2005	4th qtr 2005
205	704 Washburn Road	150	225	3rd Creek	Kuwahee	8/1/2005	4th qtr 2005
206	1841 Tillery Square Lane	167	250	3rd Creek	Kuwahee	8/9/2005	4th qtr 2005
207	2501 Keith Avenue	167	250	3rd Creek	Kuwahee	8/9/2005	4th qtr 2005
208	2907 Timber Green Lane	167	250	3rd Creek	Kuwahee	8/9/2005	4th qtr 2005
209	1870 Explorer Lane	167	250	3rd Creek	Kuwahee	8/18/2005	4th qtr 2005
210	2214 Woods-Smith Road	167	250	3rd Creek	Kuwahee	8/18/2005	4th qtr 2005
211	2818 Timber Green Lane	167	250	3rd Creek	Kuwahee	8/19/2005	4th qtr 2005
212	2900 Timber Green Lane	167	250	3rd Creek	Kuwahee	8/19/2005	4th qtr 2005
213	5312 Pleasant Ridge Road	167	250	3rd Creek	Kuwahee	8/23/2005	4th qtr 2005
214	3711 Middlebrook Pike	2632	3948	3rd Creek	Kuwahee	8/25/2005	4th qtr 2005
215	4431 Avery Village Way	700	1050	3rd Creek	Kuwahee	8/25/2005	4th qtr 2005
216	4404 Lee Road	167	250	3rd Creek	Kuwahee	8/30/2005	4th qtr 2005
217	2708 Piedmont Street	167	250	3rd Creek	Kuwahee	9/1/2005	4th qtr 2005
218	6320 Stilglen Lane	167	250	3rd Creek	Kuwahee	9/1/2005	4th qtr 2005
219	6324 Stilglen Lane	167	250	3rd Creek	Kuwahee	9/1/2005	4th qtr 2005
220	6028 Glenmay Drive	167	250	3rd Creek	Kuwahee	9/6/2005	4th qtr 2005
221	6316 Stilglen Lane	167	250	3rd Creek	Kuwahee	9/7/2005	4th qtr 2005
222	6340 Stilglen Lane	167	250	3rd Creek	Kuwahee	9/7/2005	4th qtr 2005
223	3439 Dance Avenue	175	253	3rd Creek	Kuwahee	9/8/2005	4th qtr 2005
224	6105 Burlwood Road	167	250	3rd Creek	Kuwahee	9/8/2005	4th qtr 2005
225	5704 Walden Woods Court	167	250	3rd Creek	Kuwahee	9/13/2005	4th qtr 2005
226	6304 Stilglen lane	167	250	3rd Creek	Kuwahee	9/13/2005	4th qtr 2005
227	2119 Park Grove Lane	167	250	3rd Creek	Kuwahee	9/14/2005	4th qtr 2005
228	2129 Country Brook Lane	167	250	3rd Creek	Kuwahee	9/14/2005	4th qtr 2005
229	6432 Hollow Oak Lane	167	250	3rd Creek	Kuwahee	9/15/2005	4th qtr 2005
230	1731 Louisiana Avenue	167	250	3rd Creek	Kuwahee	9/20/2005	4th qtr 2005
231	2106 Country Brook Lane	167	250	3rd Creek	Kuwahee	9/20/2005	4th qtr 2005
232	2123 Country Brook Lane	167	250	3rd Creek	Kuwahee	9/26/2005	4th qtr 2005
233	1828 Tillery Square Lane	167	250	3rd Creek	Kuwahee	9/27/2005	4th qtr 2005
234	3701 Western Avenue	32	48	3rd Creek	Kuwahee	9/27/2005	4th qtr 2005
235	6328 Stilglen lane	167	250	3rd Creek	Kuwahee	9/28/2005	4th qtr 2005
236	6332 Stilglen lane	167	250	3rd Creek	Kuwahee	9/28/2005	4th qtr 2005
237	3612 Hanson Road	118	177	3rd Creek	Kuwahee	9/29/2005	4th qtr 2005
238	6005 Glenmay Drive	167	250	3rd Creek	Kuwahee	9/29/2005	4th qtr 2005
239	6112 Glenmay Drive	167	250	3rd Creek	Kuwahee	9/29/2005	4th qtr 2005
240	6134 Burlwood Rd	167	250	3rd Creek	Kuwahee	10/4/2005	1st qtr 2006
241	5228 South Middlebrook Pk	0	0	3rd Creek	Kuwahee	10/6/2005	4th qtr 2005
242	2210 Country Brook Ln	167	250	3rd Creek	Kuwahee	10/10/2005	4th qtr 2005
243	2206 Country Brook Ln	167	250	3rd Creek	Kuwahee	10/10/2005	4th qtr 2005
244	6300 Stilglen Ln	167	250	3rd Creek	Kuwahee	10/12/2005	4th qtr 2005
245	2104 Country Brook Ln	167	250	3rd Creek	Kuwahee	10/12/2005	4th qtr 2005
246	6109 Burlwood rd	167	250	3rd Creek	Kuwahee	10/18/2005	1st qtr 2006
247	1022 Knoxville College Dr	167	250	3rd Creek	Kuwahee	10/18/2005	1st qtr 2006
248	1876 Explorer Ln	167	250	3rd Creek	Kuwahee	10/18/2005	4th qtr 2005
249	5817 Pine Needle Ln	167	250	3rd Creek	Kuwahee	10/25/2005	1st qtr 2006
250	1817 Laurel Ave	0	0	3rd Creek	Kuwahee	10/25/2005	1st qtr 2006

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
251	1822 Tillery Square Ln	167	250	3rd Creek	Kuwahee	11/1/2005	1st qtr 2006
252	4225 Apex Dr	334	500	3rd Creek	Kuwahee	11/3/2005	1st qtr 2006
253	2211 Country Brook Ln	167	250	3rd Creek	Kuwahee	11/7/2005	1st qtr 2006
254	2217 Country Brook Ln	167	250	3rd Creek	Kuwahee	11/7/2005	4th qtr 2005
255	6331 Stilfigen Ln	167	250	3rd Creek	Kuwahee	11/7/2005	4th qtr 2005
256	3825 Cate Ave	167	250	3rd Creek	Kuwahee	11/9/2005	1st qtr 2006
257	4465 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
258	4461 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
259	4457 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
260	4453 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
261	4449 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
262	4445 Oakbank Ln	167	250	3rd Creek	Kuwahee	11/9/2005	4th qtr 2005
263	6117 Glenmay Dr	167	250	3rd Creek	Kuwahee	11/11/2005	1st qtr 2006
264	5825 Pine Needle Ln	167	250	3rd Creek	Kuwahee	11/11/2005	1st qtr 2006
265	2200 Grand Ave	3,173	4,750	3rd Creek	Kuwahee	11/15/2005	1st qtr 2006
266	2100 Park Grove Ln	167	250	3rd Creek	Kuwahee	11/17/2005	4th qtr 2005
267	6406 Hollow Oak Ln	167	250	3rd Creek	Kuwahee	11/21/2005	1st qtr 2006
268	6036 Glenmay Dr	167	250	3rd Creek	Kuwahee	11/23/2005	1st qtr 2006
269	1818 Tillery Square Ln	167	250	3rd Creek	Kuwahee	11/23/2005	1st qtr 2006
270	2306 Sunnyside Ln	167	250	3rd Creek	Kuwahee	12/6/2005	4th qtr 2005
271	1200 Beaumont Ave	167	250	3rd Creek	Kuwahee	12/13/2005	1st qtr 2006
272	2120 Country Brook Ln	167	250	3rd Creek	Kuwahee	12/14/2005	1st qtr 2006
273	2129 Park Grove Ln	167	250	3rd Creek	Kuwahee	12/14/2005	1st qtr 2006
274	2119 Park Grove Ln	167	250	3rd Creek	Kuwahee	12/14/2005	4th qtr 2005
275	6424 Hollow Oak Ln	167	250	3rd Creek	Kuwahee	12/20/2005	4th qtr 2005
276	6431 Hollow Oak Ln	167	250	3rd Creek	Kuwahee	12/22/2005	1st qtr 2006
277	415 Westbridge Drive	167	250	4th Creek	4th Creek	7/12/2005	4th qtr 2005
278	427 Westbridge Drive	167	250	4th Creek	4th Creek	7/12/2005	4th qtr 2005
279	7317 Kentfield Drive	167	250	4th Creek	4th Creek	7/12/2005	4th qtr 2005
280	1725 Glenbean Court	167	250	4th Creek	4th Creek	7/19/2005	4th qtr 2005
281	3417 Island Bay Lane	167	250	4th Creek	4th Creek	7/26/2005	4th qtr 2005
282	3425 Island Bay Lane	167	250	4th Creek	4th Creek	7/26/2005	4th qtr 2005
283	3433 Island Bay Lane	167	250	4th Creek	4th Creek	7/26/2005	4th qtr 2005
284	7420 Lawford Road	167	250	4th Creek	4th Creek	7/26/2005	4th qtr 2005
285	3429 Island Bay Lane	167	250	4th Creek	4th Creek	8/5/2005	4th qtr 2005
286	1318 Rudder Oaks Way	167	250	4th Creek	4th Creek	8/9/2005	4th qtr 2005
287	2811 Mossy Oaks Lane	167	250	4th Creek	4th Creek	8/12/2005	4th qtr 2005
288	2815 Mossy Oaks Lane	167	250	4th Creek	4th Creek	8/12/2005	4th qtr 2005
289	2819 Mossy Oaks Lane	167	250	4th Creek	4th Creek	8/12/2005	4th qtr 2005
290	2823 Mossy Oaks Lane	167	250	4th Creek	4th Creek	8/12/2005	4th qtr 2005
291	3019 Oakleigh Township Drive	167	250	4th Creek	4th Creek	8/12/2005	4th qtr 2005
292	4931 Homberg Drive	91	137	4th Creek	4th Creek	8/16/2005	4th qtr 2005
293	7428 Lawford Road	167	250	4th Creek	4th Creek	8/16/2005	4th qtr 2005
294	3413 Island Bay Lane	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
295	521 Moneta Road	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
296	6901 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
297	6903 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
298	6907 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
299	6909 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
300	6913 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
301	6915 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
302	6919 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
303	6921 Alden Glen Way	167	250	4th Creek	4th Creek	8/18/2005	4th qtr 2005
304	6501 Kingston Pike	1168	1752	4th Creek	4th Creek	8/25/2005	4th qtr 2005
305	3319 Stars Cove Lane	167	250	4th Creek	4th Creek	8/26/2005	4th qtr 2005
306	3334 Stars Cove Lane	167	250	4th Creek	4th Creek	8/26/2005	4th qtr 2005
307	7232 Olive Branch Lane	167	250	4th Creek	4th Creek	8/26/2005	4th qtr 2005
308	3311 Stars Cove Lane	167	250	4th Creek	4th Creek	8/29/2005	4th qtr 2005
309	3421 Island Bay Lane	167	250	4th Creek	4th Creek	8/29/2005	4th qtr 2005
310	3437 Island Bay Lane	167	250	4th Creek	4th Creek	8/29/2005	4th qtr 2005
311	213 Buckingham Drive	167	250	4th Creek	4th Creek	9/1/2005	4th qtr 2005
312	2827 Mossy Oaks Lane	167	250	4th Creek	4th Creek	9/1/2005	4th qtr 2005
313	3015 Oakleigh Township Drive	167	250	4th Creek	4th Creek	9/1/2005	4th qtr 2005
314	3409 Island Bay Lane	167	250	4th Creek	4th Creek	9/7/2005	4th qtr 2005
315	5712 Capeside Lane	167	250	4th Creek	4th Creek	9/7/2005	4th qtr 2005
316	1105 Webster Groves Lane	5425	8138	4th Creek	4th Creek	9/8/2005	4th qtr 2005
317	3405 Island Bay Lane	167	250	4th Creek	4th Creek	9/13/2005	4th qtr 2005
318	5710 Copperleaf Drive	167	250	4th Creek	4th Creek	9/13/2005	4th qtr 2005
319	6005 Brookvale Lane	7500	11250	4th Creek	4th Creek	9/13/2005	4th qtr 2005
320	1839 Duncan Woods Lane	167	250	4th Creek	4th Creek	9/14/2005	4th qtr 2005
321	7111 Sir Arthur Way	167	250	4th Creek	4th Creek	9/20/2005	4th qtr 2005
322	1701 Downtown West Blvd	150	225	4th Creek	4th Creek	9/22/2005	4th qtr 2005
323	3424 Island Bay Lane	167	250	4th Creek	4th Creek	9/26/2005	4th qtr 2005
324	3428 Island Bay Lane	167	250	4th Creek	4th Creek	9/26/2005	4th qtr 2005
325	3432 Island Bay Lane	167	250	4th Creek	4th Creek	9/26/2005	4th qtr 2005
326	3436 Island Bay Lane	167	250	4th Creek	4th Creek	9/26/2005	4th qtr 2005
327	2122 Duncan Woods Ln	167	250	4th Creek	4th Creek	10/12/2005	1st qtr 2006
328	2112 Duncan Woods Ln	167	250	4th Creek	4th Creek	10/12/2005	1st qtr 2006
329	853 Big Ben Way	167	250	4th Creek	4th Creek	10/12/2005	1st qtr 2006
330	845 Big Ben Way	167	250	4th Creek	4th Creek	10/12/2005	1st qtr 2006
331	1736 Duncan Woods Ln	167	250	4th Creek	4th Creek	10/12/2005	4th qtr 2005
332	1804 Duncan Woods Ln	167	250	4th Creek	4th Creek	10/12/2005	4th qtr 2005
333	6700 Forest Village Way	167	250	4th Creek	4th Creek	10/18/2005	1st qtr 2006
334	6484 Kingston Pk	167	250	4th Creek	4th Creek	10/18/2005	1st qtr 2006
335	8000 Middlebrook Pk	0	0	4th Creek	4th Creek	10/18/2005	4th qtr 2005
336	8301 East Walker Springs Ln	2,505	3,750	4th Creek	4th Creek	10/20/2005	1st qtr 2006
337	1332 Rudder Oaks Way	167	250	4th Creek	4th Creek	10/20/2005	4th qtr 2005
338	6817 Duncans Glen Dr	167	250	4th Creek	4th Creek	10/31/2005	4th qtr 2005
339	1100 Harbin Ridge Ln	5,845	8,750	4th Creek	4th Creek	11/1/2005	1st qtr 2006
340	848 Bennett Pl	167	250	4th Creek	4th Creek	11/3/2005	1st qtr 2006
341	7624 Chatham Cir	334	500	4th Creek	4th Creek	11/15/2005	1st qtr 2006
342	1013 Bridgestone Pl	167	250	4th Creek	4th Creek	11/23/2005	4th qtr 2005
343	201 Cheshire Dr	0	0	4th Creek	4th Creek	11/23/2005	4th qtr 2005
344	5815 Walden Dr	167	250	4th Creek	4th Creek	12/6/2005	1st qtr 2006
345	1320 Dowell Springs Blvd	835	1,250	4th Creek	4th Creek	12/8/2005	1st qtr 2006
346	1330 Dowell Springs Blvd	1,002	1,500	4th Creek	4th Creek	12/8/2005	1st qtr 2006
347	1107 Milam Cir	167	250	4th Creek	4th Creek	12/8/2005	4th qtr 2005
348	600 Agnes Rd	0	0	4th Creek	4th Creek	12/13/2005	1st qtr 2006
349	206 Vanosdale Rd	0	0	4th Creek	4th Creek	12/13/2005	1st qtr 2006
350	1834 Duncan Woods Ln	167	250	4th Creek	4th Creek	12/13/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
351	7024 Shady Knoll Ln	167	250	4th Creek	4th Creek	12/20/2005	4th qtr 2005
352	136 N Northshore Dr	167	250	4th Creek	4th Creek	12/20/2005	4th qtr 2005
353	9421 Mascot Road	167	250	Eastbridge	Eastbridge	4/19/2005	3rd qtr 2005
354	4591 Walden Pond Lane	167	250	Eastbridge	Eastbridge	6/22/2005	3rd qtr 2005
355	4682 Walden Pond Lane	167	250	Eastbridge	Eastbridge	6/23/2005	3rd qtr 2005
356	6511 N Ruggles Ferry Pike	167	250	Eastbridge	Eastbridge	7/13/2005	4th qtr 2005
357	3821 Hillside Terrace Lane	167	250	Eastbridge	Eastbridge	7/14/2005	4th qtr 2005
358	3825 Hillside Terrace Lane	167	250	Eastbridge	Eastbridge	7/14/2005	4th qtr 2005
359	3904 Hillside Terrace Lane	167	250	Eastbridge	Eastbridge	7/14/2005	4th qtr 2005
360	9007 Rocky Ridge Way	175	263	Eastbridge	Eastbridge	7/15/2005	4th qtr 2005
361	4588 Walden Pond Lane	167	250	Eastbridge	Eastbridge	7/19/2005	4th qtr 2005
362	4596 Walden Pond Lane	167	250	Eastbridge	Eastbridge	7/19/2005	4th qtr 2005
363	4600 Walden Pond Lane	167	250	Eastbridge	Eastbridge	7/19/2005	4th qtr 2005
364	6923 Whitewater Drive	167	250	Eastbridge	Eastbridge	7/19/2005	4th qtr 2005
365	4592 Walden Pond Lane	167	250	Eastbridge	Eastbridge	7/22/2005	4th qtr 2005
366	6806 Whitewater Drive	167	250	Eastbridge	Eastbridge	7/22/2005	4th qtr 2005
367	8161 Chestnut Hill Lane	167	250	Eastbridge	Eastbridge	7/22/2005	4th qtr 2005
368	Lot 78 9312 Johnson Road	167	250	Eastbridge	Eastbridge	7/26/2005	4th qtr 2005
369	Lot 82 9312 Johnson Road	167	250	Eastbridge	Eastbridge	7/26/2005	4th qtr 2005
370	Lot 87 9312 Johnson Road	167	250	Eastbridge	Eastbridge	7/26/2005	4th qtr 2005
371	Lot 89 9312 Johnson Road	167	250	Eastbridge	Eastbridge	7/26/2005	4th qtr 2005
372	608 Drakewood Road	167	250	Eastbridge	Eastbridge	7/28/2005	4th qtr 2005
373	625 Drakewood Road	167	250	Eastbridge	Eastbridge	7/28/2005	4th qtr 2005
374	807 Carter View Lane	167	250	Eastbridge	Eastbridge	7/28/2005	4th qtr 2005
375	3303 Roberts Road	334	501	Eastbridge	Eastbridge	8/1/2005	4th qtr 2005
376	3306 Roberts Road	334	501	Eastbridge	Eastbridge	8/1/2005	4th qtr 2005
377	8747 Case Bells Drive	167	250	Eastbridge	Eastbridge	8/1/2005	4th qtr 2005
378	8161 Chestnut Hill Lane	167	250	Eastbridge	Eastbridge	8/1/2005	4th qtr 2005
379	9307 Johnson Road	80	120	Eastbridge	Eastbridge	8/12/2005	4th qtr 2005
380	8123 Chestnut Hill Lane	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
381	Lot 74 Trey Drive	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
382	Lot 76 Trey Drive	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
383	Lot 90 Trey Drive	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
384	Lot 92 Trey Drive	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
385	2911 Roseberry Road	167	250	Eastbridge	Eastbridge	8/16/2005	4th qtr 2005
386	725 Drakewood Road	167	250	Eastbridge	Eastbridge	8/19/2005	4th qtr 2005
387	4544 Walden Pond Lane	167	250	Eastbridge	Eastbridge	8/24/2005	4th qtr 2005
388	4545 Walden Pond Lane	167	250	Eastbridge	Eastbridge	8/24/2005	4th qtr 2005
389	4618 Walden Pond Lane	167	250	Eastbridge	Eastbridge	8/24/2005	4th qtr 2005
390	4624 Walden Pond Lane	167	250	Eastbridge	Eastbridge	8/24/2005	4th qtr 2005
391	4630 Walden Pond Lane	167	250	Eastbridge	Eastbridge	8/24/2005	4th qtr 2005
392	8161 Chestnut Hill Lane	167	250	Eastbridge	Eastbridge	8/29/2005	4th qtr 2005
393	108 Honey Ridge Way	175	263	Eastbridge	Eastbridge	9/1/2005	4th qtr 2005
394	100 Honey Ridge Way	167	250	Eastbridge	Eastbridge	9/7/2005	4th qtr 2005
395	104 Honey Ridge Way	167	250	Eastbridge	Eastbridge	9/7/2005	4th qtr 2005
396	8500 N Ruggles Ferry Pike	167	250	Eastbridge	Eastbridge	9/7/2005	4th qtr 2005
397	6937 Whitewater Drive	167	250	Eastbridge	Eastbridge	9/12/2005	4th qtr 2005
398	2000 Eastbridge Blvd	90	135	Eastbridge	Eastbridge	9/13/2005	4th qtr 2005
399	4400 Walden Pond Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005
400	4406 Walden Pond Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
401	4412 Waldon Pond Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005
402	4518 Waldon Pond Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005
403	4524 Waldon Pond Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005
404	7731 Gilmors Lane	167	250	Eastbridge	Eastbridge	9/21/2005	4th qtr 2005
405	4700 Mona Lisa Lane	167	250	Eastbridge	Eastbridge	9/22/2005	4th qtr 2005
406	6766 Casa Bella Drive	167	250	Eastbridge	Eastbridge	9/22/2005	4th qtr 2005
407	609 Drakewood Road	167	250	Eastbridge	Eastbridge	9/23/2005	4th qtr 2005
408	717 Drakewood Road	167	250	Eastbridge	Eastbridge	9/23/2005	4th qtr 2005
409	730 Drakewood Road	167	250	Eastbridge	Eastbridge	9/23/2005	4th qtr 2005
410	824 Carter Mill Lane	167	250	Eastbridge	Eastbridge	9/23/2005	4th qtr 2005
411	613 Drakewood Rd	167	250	Eastbridge	Eastbridge	10/5/2005	1st qtr 2006
412	3306 Roberts Rd	167	250	Eastbridge	Eastbridge	10/5/2005	1st qtr 2006
413	519 Drakewood Rd	167	250	Eastbridge	Eastbridge	10/10/2005	4th qtr 2005
414	531 Drakewood Rd	167	250	Eastbridge	Eastbridge	10/16/2005	1st qtr 2006
415	6975 Whitewater Dr	167	250	Eastbridge	Eastbridge	10/24/2005	1st qtr 2006
416	6863 Whitewater Dr	167	250	Eastbridge	Eastbridge	10/24/2005	1st qtr 2006
417	711 Drakewood Rd	167	250	Eastbridge	Eastbridge	10/25/2005	1st qtr 2006
418	4554 Waldon Pond Ln	167	250	Eastbridge	Eastbridge	10/25/2005	1st qtr 2006
419	5411 Waldorf Ln	167	250	Eastbridge	Eastbridge	10/25/2005	1st qtr 2006
420	828 Carter View Ln	167	250	Eastbridge	Eastbridge	10/25/2005	4th qtr 2005
421	820 Carter View Ln	167	250	Eastbridge	Eastbridge	10/25/2005	4th qtr 2005
422	722 Drakewood Rd	167	250	Eastbridge	Eastbridge	11/1/2005	1st qtr 2006
423	815 Carter View Ln	167	250	Eastbridge	Eastbridge	11/3/2005	4th qtr 2005
424	120 Honey Ridge Way	167	250	Eastbridge	Eastbridge	11/7/2005	1st qtr 2006
425	118 Honey Ridge Way	167	250	Eastbridge	Eastbridge	11/7/2005	1st qtr 2006
426	112 Honey Ridge Way	167	250	Eastbridge	Eastbridge	11/7/2005	1st qtr 2006
427	4548 Waldon Pond Ln	167	250	Eastbridge	Eastbridge	12/9/2005	1st qtr 2006
428	4528 Waldon Pond Ln	167	250	Eastbridge	Eastbridge	12/9/2005	1st qtr 2006
429	4578 Waldon Pond Ln	167	250	Eastbridge	Eastbridge	12/13/2005	1st qtr 2006
430	4540 Waldon Pond Ln	167	250	Eastbridge	Eastbridge	12/13/2005	1st qtr 2006
431	653 Running Brook Dr	167	250	Eastbridge	Eastbridge	12/20/2005	1st qtr 2006
432	4535 Waldon pond Ln	167	250	Eastbridge	Eastbridge	12/21/2005	1st qtr 2006
433	6911 Whitewater Dr	167	250	Eastbridge	Eastbridge	12/21/2005	1st qtr 2006
434	622 Running Brook Dr	167	250	Eastbridge	Eastbridge	12/21/2005	1st qtr 2006
435	5615 Gatewalk Ln	167	250	Eastbridge	Eastbridge	12/22/2005	1st qtr 2006
436	2100 Mosaic Ln	167	250	Eastbridge	Eastbridge	12/22/2005	1st qtr 2006
437	2104 Mosaic Ln	167	250	Eastbridge	Eastbridge	12/22/2005	1st qtr 2006
438	2108 Mosaic Ln	167	250	Eastbridge	Eastbridge	12/22/2005	1st qtr 2006
439	2120 Spring Hill Road	167	250	Loves Creek	Loves Creek	7/7/2005	4th qtr 2005
440	117 Neals Landing Road	167	250	Loves Creek	Loves Creek	7/18/2005	4th qtr 2005
441	121 Neals Landing Road	167	250	Loves Creek	Loves Creek	7/18/2005	4th qtr 2005
442	4110 Valley View Drive	167	250	Loves Creek	Loves Creek	7/25/2005	4th qtr 2005
443	1687 Wisteria View Way	167	250	Loves Creek	Loves Creek	8/4/2005	4th qtr 2005
444	1669 Wisteria View Way	167	250	Loves Creek	Loves Creek	8/4/2005	4th qtr 2005
445	1671 Wisteria View Way	167	250	Loves Creek	Loves Creek	8/4/2005	4th qtr 2005
446	7023 Trails Way	167	250	Loves Creek	Loves Creek	8/4/2005	4th qtr 2005
447	7407 Mountie Lane	167	250	Loves Creek	Loves Creek	8/8/2005	4th qtr 2005
448	5254 Blue Star Drive	334	501	Loves Creek	Loves Creek	8/16/2005	4th qtr 2005
449	3118 Landview Drive	167	250	Loves Creek	Loves Creek	8/18/2005	4th qtr 2005
450	7119 Terry Drive	167	250	Loves Creek	Loves Creek	8/18/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
451	7123 Terry Drive	167	250	Loves Creek	Loves Creek	8/18/2005	4th qtr 2005
452	7510 Asheville Hwy	478	717	Loves Creek	Loves Creek	9/6/2005	4th qtr 2005
453	2714 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
454	2739 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
455	2746 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
456	2750 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
457	2754 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
458	2760 Rushland Park Blvd	4605	6909	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
459	8742 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	9/29/2005	4th qtr 2005
460	2734 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	10/17/2005	1st qtr 2006
461	8808 Ruffledge Pk	167	250	Loves Creek	Loves Creek	10/19/2005	1st qtr 2006
462	8301 Old Ruffledge Pk	334	500	Loves Creek	Loves Creek	10/19/2005	1st qtr 2006
463	2721 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	10/20/2005	1st qtr 2006
464	2735 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	10/20/2005	1st qtr 2006
465	2717 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	10/20/2005	1st qtr 2006
466	419 Ranger Ln	167	250	Loves Creek	Loves Creek	10/20/2005	4th qtr 2005
467	5715 Parasol Ln	167	250	Loves Creek	Loves Creek	10/24/2005	1st qtr 2006
468	5719 Parasol Ln	167	250	Loves Creek	Loves Creek	10/24/2005	1st qtr 2006
469	5725 Parasol Ln	167	250	Loves Creek	Loves Creek	10/24/2005	1st qtr 2006
470	5229 Sinclair Dr	334	500	Loves Creek	Loves Creek	10/25/2005	1st qtr 2006
471	1018 Leon Dr	167	250	Loves Creek	Loves Creek	10/25/2005	4th qtr 2005
472	7051 Strawberry Plains Pk	334	500	Loves Creek	Loves Creek	11/1/2005	1st qtr 2006
473	5304 Pinnacle Dr	167	250	Loves Creek	Loves Creek	11/1/2005	4th qtr 2005
474	5308 Pinnacle Dr	167	250	Loves Creek	Loves Creek	11/1/2005	4th qtr 2005
475	5825 Parasol Ln	167	250	Loves Creek	Loves Creek	11/3/2005	1st qtr 2006
476	1683 Wisteria View Way	167	250	Loves Creek	Loves Creek	11/4/2005	4th qtr 2005
477	1681 Wisteria View Way	167	250	Loves Creek	Loves Creek	11/4/2005	4th qtr 2005
478	5237 Sinclair Dr	334	500	Loves Creek	Loves Creek	11/9/2005	1st qtr 2006
479	5246 Blue Star Dr	334	500	Loves Creek	Loves Creek	11/11/2005	1st qtr 2006
480	101 Stone Bluff Court	167	250	Loves Creek	Loves Creek	11/16/2005	4th qtr 2005
481	107 Stone Bluff Court	167	250	Loves Creek	Loves Creek	11/16/2005	4th qtr 2005
482	2714 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	11/17/2005	1st qtr 2006
483	2127 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
484	2123 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
485	2119 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
486	5706 Parasol Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
487	5710 Parasol Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
488	5714 Parasol Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
489	5718 Parasol Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
490	5722 Parasol Ln	167	250	Loves Creek	Loves Creek	11/21/2005	1st qtr 2006
491	2131 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/22/2005	1st qtr 2006
492	2122 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/22/2005	1st qtr 2006
493	2132 Mosaic Ln	167	250	Loves Creek	Loves Creek	11/22/2005	1st qtr 2006
494	3106 Boyds Bridge Pk	167	250	Loves Creek	Loves Creek	11/23/2005	1st qtr 2006
495	7023 Trellis Way	167	250	Loves Creek	Loves Creek	12/8/2005	1st qtr 2006
496	5713 Millertown Pk	167	250	Loves Creek	Loves Creek	12/12/2005	1st qtr 2006
497	2760 Rushland Park Blvd	167	250	Loves Creek	Loves Creek	12/12/2005	1st qtr 2006
498	5701 Grasswalk Ln	167	250	Loves Creek	Loves Creek	12/14/2005	1st qtr 2006
499	5707 Grasswalk Ln	167	250	Loves Creek	Loves Creek	12/14/2005	1st qtr 2006
500	5712 Grasswalk Ln	167	250	Loves Creek	Loves Creek	12/14/2005	1st qtr 2006

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
601	212 Mosaic Ln	167	250	Loves Creek	Loves Creek	12/14/2005	1st qtr 2006
602	5708 Grasswalk Ln	167	250	Loves Creek	Loves Creek	12/14/2005	1st qtr 2006
603	3915 Lilac Ave	167	250	Loves Creek	Loves Creek	12/15/2005	1st qtr 2006
604	3232 Aloa Hwy	300	450	South Knox / Knob Cr	Kuwahee	7/13/2005	4th qtr 2005
605	1525 Willoughby Road	175	283	South Knox / Knob Cr	Kuwahee	7/14/2005	4th qtr 2005
606	548 Haleah Drive	167	250	South Knox / Knob Cr	Kuwahee	7/19/2005	4th qtr 2005
607	401 Allen Road	167	250	South Knox / Knob Cr	Kuwahee	7/26/2005	4th qtr 2005
608	2934 Aloa Highway	2100	3150	South Knox / Knob Cr	Kuwahee	8/2/2005	4th qtr 2005
609	2252 McClung Avenue	167	250	South Knox / Knob Cr	Kuwahee	9/13/2005	4th qtr 2005
610	108 Lakeview Drive	167	250	South Knox / Knob Cr	Kuwahee	9/20/2005	4th qtr 2005
611	1500 Price Avenue	167	250	South Knox / Knob Cr	Kuwahee	9/27/2005	4th qtr 2005
612	807 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	9/27/2005	4th qtr 2005
613	808 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	9/27/2005	4th qtr 2005
614	811 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	9/27/2005	4th qtr 2005
615	812 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	9/27/2005	4th qtr 2005
616	132 Ingersoll Avenue	167	250	South Knox / Knob Cr	Kuwahee	9/29/2005	4th qtr 2005
617	4814 Briar Rock Lane	1050	1575	South Knox / Knob Cr	Kuwahee	9/29/2005	4th qtr 2005
618	1148 Cherokee Trl	167	250	South Knox / Knob Cr	Kuwahee	10/4/2005	1st qtr 2006
619	1148 Cherokee Trl	1,169	1,750	South Knox / Knob Cr	Kuwahee	10/6/2005	1st qtr 2006
620	1148 Cherokee Trl	1,002	1,500	South Knox / Knob Cr	Kuwahee	10/6/2005	1st qtr 2006
621	1003 Drive D	167	250	South Knox / Knob Cr	Kuwahee	11/1/2005	1st qtr 2006
622	113 Maxey St	167	250	South Knox / Knob Cr	Kuwahee	11/1/2005	1st qtr 2006
623	827 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	11/9/2005	1st qtr 2006
624	823 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	11/9/2005	1st qtr 2006
625	815 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	11/9/2005	1st qtr 2006
626	801 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	11/9/2005	1st qtr 2006
627	3825 Cherokee Woods Way	1,503	2,250	South Knox / Knob Cr	Kuwahee	11/14/2005	1st qtr 2006
628	3831 Cherokee Woods Way	1,503	2,250	South Knox / Knob Cr	Kuwahee	11/14/2005	1st qtr 2006
629	3950 Cherokee Woods Way	3,008	4,500	South Knox / Knob Cr	Kuwahee	11/14/2005	1st qtr 2006
630	3915 Cherokee Woods Way	3,008	4,500	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
631	3940 Cherokee Woods Way	1,503	2,250	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
632	3921 Cherokee Woods Way	1,503	2,250	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
633	3914 Cherokee Woods Way	3,340	5,000	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
634	3415 Cherokee Woods Way	635	1,250	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
635	3918 Cherokee Woods Way	2,672	4,000	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
636	3922 Cherokee Woods Way	2,171	3,250	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
637	3930 Cherokee Woods Way	2,505	3,750	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
638	3934 Cherokee Woods Way	2,505	3,750	South Knox / Knob Cr	Kuwahee	11/15/2005	1st qtr 2006
639	1019 Drive E	167	250	South Knox / Knob Cr	Kuwahee	11/23/2005	1st qtr 2006
640	816 Colonial Estates Way	167	250	South Knox / Knob Cr	Kuwahee	12/20/2005	1st qtr 2006
641	2820 Delrose Drive	167	250	Williams Creek	Kuwahee	8/28/2005	3rd qtr 2005
642	2725 Asbury Road Suite 104	215	323	Williams Creek	Kuwahee	8/8/2005	4th qtr 2005
643	404 S Cherry Street	167	250	Williams Creek	Kuwahee	8/9/2005	4th qtr 2005
644	2630 Jefferson Ave	167	250	Williams Creek	Kuwahee	10/18/2005	4th qtr 2005
645	2340 Martin Luther King Jr	334	500	Williams Creek	Kuwahee	12/16/2005	1st qtr 2006
646	7200 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
647	7201 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
648	7204 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
649	7205 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
650	7208 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005

Not yet connected = shaded

CAP List of New Connections since May 20, 2004

	Address	Avg Flow	Peak Flow	Basin	WWTP	Activity Date	Calendar Quarter
551	7212 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
552	7216 Olive Branch Lane	167	250	WKUD	Kuwahee	7/26/2005	4th qtr 2005
553	7253 Olive Branch Lane	167	250	WKUD	Kuwahee	7/29/2005	4th qtr 2005
554	7301 Olive Branch Lane	167	250	WKUD	Kuwahee	7/29/2005	4th qtr 2005
555	2800 Eaglewood Ln	167	250	WKUD	Kuwahee	10/7/2005	4th qtr 2005
556	3410 Island Bay Ln	167	250	WKUD	Kuwahee	10/17/2005	1st qtr 2006
557	5726 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	1st qtr 2006
558	5711 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	4th qtr 2005
559	5715 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	4th qtr 2005
560	5723 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	4th qtr 2005
561	5718 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	4th qtr 2005
562	5714 Copperleaf Dr	167	250	WKUD	Kuwahee	10/17/2005	4th qtr 2005
563	5719 Copperleaf Dr	167	250	WKUD	Kuwahee	10/18/2005	4th qtr 2005
564	5724 Capeside Ln	167	250	WKUD	Kuwahee	10/20/2005	1st qtr 2006
565	5720 Capeside Ln	167	250	WKUD	Kuwahee	10/20/2005	1st qtr 2006
566	5722 Copperleaf Dr	167	250	WKUD	Kuwahee	10/20/2005	1st qtr 2006
567	5716 Capeside Ln	167	250	WKUD	Kuwahee	10/31/2005	1st qtr 2006
568	3629 Aztec Ln	167	250	WKUD	Kuwahee	11/4/2005	1st qtr 2006
569	3413 Miller Creek Rd	167	250	WKUD	Kuwahee	11/7/2005	1st qtr 2006
570	3443 Miller Creek Rd	167	250	WKUD	Kuwahee	11/7/2005	1st qtr 2006
571	3135 Gose Cove Ln	167	250	WKUD	Kuwahee	11/7/2005	1st qtr 2006
572	3143 Gose Cove Ln	167	250	WKUD	Kuwahee	11/7/2005	1st qtr 2006
573	3139 Gose Cove Ln	167	250	WKUD	Kuwahee	11/7/2005	4th qtr 2005
574	3132 Gose Cove Ln	167	250	WKUD	Kuwahee	11/8/2005	1st qtr 2006
575	3441 Island Bay Ln	167	250	WKUD	Kuwahee	11/8/2005	4th qtr 2005
576	3032 Oakleigh Township Dr	167	250	WKUD	Kuwahee	11/11/2005	1st qtr 2006
577	3036 Oakleigh Township Dr	167	250	WKUD	Kuwahee	11/11/2005	1st qtr 2006
578	3040 Oakleigh Township Dr	167	250	WKUD	Kuwahee	11/11/2005	1st qtr 2006
579	5709 Capeside Ln	167	250	WKUD	Kuwahee	12/7/2005	4th qtr 2005
580	3440 Island Bay Ln	167	250	WKUD	Kuwahee	12/9/2005	4th qtr 2005
581	7231 Olive Branch Ln	167	250	WKUD	Kuwahee	12/13/2005	4th qtr 2005
582	2921 Oakleigh Township Dr	167	250	WKUD	Kuwahee	12/14/2005	1st qtr 2006
583	2917 Oakleigh Township Dr	167	250	WKUD	Kuwahee	12/14/2005	1st qtr 2006
584	6717 Capeside Ln	167	250	WKUD	Kuwahee	12/21/2005	1st qtr 2006
585	5713 Capeside Ln	167	250	WKUD	Kuwahee	12/21/2005	4th qtr 2005
586	5705 Capeside Ln	167	250	WKUD	Kuwahee	12/22/2005	4th qtr 2005

Appendix B

SSOs

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222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Appendix C

Building Backups

Appendix D

Water Quality Monitoring Program Sampling Results



Creek Monitoring Report

Report Date: 1/25/2006

Knoxville Utilities Board
Water Quality Laboratory
Debbie Ailey, Lab Supervisor
835 East Jackson Avenue
Knoxville, Tennessee 37915
(865) 594-4286 Fax: (865) 594-8243

Creek Mile #	Sample Date	Sample Time	pH	Sample Temp (C)	Dissolved Oxygen (mg/l)	Fecal Coliform (CFU/100 ml)	E-Coli (MPN)	Precipitation Event	Status*
First Creek									
0.45	10/27/2005	07:50	8.0	8.0	10.7	210	180	Dry	R
2.57	10/27/2005	08:05	8.6	8.9	10.2	120	340	Dry	R
6.33	10/27/2005	08:21	8.2	8.4	10.4	190	140	Dry	R
0.45	11/18/2005	07:15	9.4	6.6	10.2	100	160	Wet	R
2.57	11/18/2005	07:31	9.5	7.1	10.3	160	170	Wet	R
6.33	11/18/2005	07:48	9.1	6.9	10.3	340	280	Wet	R
0.45	12/21/2005	08:50	9.2	4.8	11.4	110	93	Dry	R
2.57	12/21/2005	09:05	9.7	5.6	10.7	50	77	Dry	R
6.33	12/21/2005	09:27	9.2	7.8	10.1	55	96	Dry	R
Second Creek									
0.30	10/18/2005	07:50	8.2	18.1	8.7	1400	2400	Dry	R
1.54	10/18/2005	08:18	8.4	18.4	8.4	1200	1100	Dry	I
5.765	10/18/2005	08:39	7.8	17.9	8.3	1100	1200	Dry	R
0.30	11/11/2005	08:15	8.8	10.1	8.0	250	340	Wet	R
1.54	11/11/2005	08:44	8.0	7.9	8.2	1000	>2400	Wet	I
5.765	11/11/2005	09:10	7.1	10.7	7.4	1800	440	Wet	R
0.30	12/21/2005	09:59	9.5	5.9	9.6	100	66	Dry	R
1.54	12/21/2005	10:12	9.7	5.5	9.8	110	99	Dry	R
6.765	12/21/2005	10:34	9.9	7.4	8.9	64	91	Dry	R

*Status: I = Site Under Investigation, R = Reportable for monitoring purposes
Precipitation event = "Wet" if the total amount of rainfall for four days prior to the sample was greater than 0.1 inches.

0001370



Creek Monitoring Report

Report Date: 1/23/2006

Knoxville Utilities Board
Water Quality Laboratory
Debbie Ailes, Lab Supervisor
835 East Jackson Avenue
Knoxville, Tennessee 37915
(800) 594-8286 Fax: (800) 594-8245

Creek Mile #	Sample Date	Sample Time	pH	Sample Temp (C)	Dissolved Oxygen mg/L	Fecal Coliform (CFU/100 mL)	E-Coli (MPN)	Precipitation Event	Status*
Third Creek									
0.87	10/26/2005	08:39	7.9	7.8	10.2	210	290	Wet	R
2.03E	10/26/2005	08:57	7.8	7.1	10.3	570	>2400	Wet	R
4.80W	10/26/2005	08:17	7.7	7.5	9.8	35	50	Wet	R
0.87E	11/04/2005	08:20	8.8	13.3	8.7	270	620	Dry	R
2.03E	11/04/2005	08:42	8.2	12.8	10.3	180	90	Dry	R
4.80W	11/04/2005	09:05	8.7	10.7	8.4	70	38	Dry	R
0.87	12/19/2005	09:07	8.3	12.5	7.4	350	480	Wet	R
2.03E	12/28/2005	08:25	8.2	11.4	7.7	82	160	Wet	R
4.80W	12/29/2005	08:45	7.9	7.7	7.1	120	110	Wet	R
Fourth Creek									
0.55	10/21/2005	08:10	7.5	17.5	7.8	230	21	Dry	R
1.33	10/21/2005	08:37	7.8	17.9	7.8	270	19	Dry	R
1.78	10/21/2005	08:56	7.7	18.5	9.0	130	32	Dry	R
0.55	11/18/2005	08:10	8.9	7.5	10.6	180	220	Wet	R
1.33	11/18/2005	08:27	8.9	7.7	10.5	140	210	Wet	R
1.78	11/18/2005	08:59	8.7	7.8	10.5	250	310	Wet	R
0.55	12/13/2005	08:10	8.9	10.5	4.7	85	120	Dry	R
1.33	12/13/2005	08:27	8.8	10.2	4.5	45	160	Dry	R
1.78	12/13/2005	08:48	7.8	8.9	4.2	410	770	Dry	R

*Status: I = Site Under Investigation, R = Reportable for monitoring purposes
Precipitation event = "Wet" if the total amount of rainfall for four days prior to the sample was greater than 0.1 inches.

0001371



Creek Monitoring Report

Report Date: 1/25/2006

Knoxville Utilities Board
Water Quality Laboratory
Dobbin Alley, East Signature
835 East Jackson Avenue
Knoxville, Tennessee 37915
(865) 594-4280 Fax: (865) 594-8243

Creek Mile #	Sample Date	Sample Time	pH	Sample Temp (°C)	Dissolved Oxygen (mg/l)	Fecal Coliform (CFU/100 ml)	E-Coli (MPN)	Precipitation Event	Status*
Gale Creek	0.35	10/05/2005	02:20	18.6	8.5	560	680	Dry	R
	0.90E	10/05/2005	09:36	18.4	8.6	45	15	Dry	R
	1.50E	10/05/2005	09:57	15.8	8.8	470	770	Dry	R
	0.35	11/28/2005	08:46	12.1	6.1	170	330	Wet	R
	0.90E	11/28/2005	09:17	12.4	6.2	470	1300	Wet	I
	1.50E	11/28/2005	09:47	12.6	6.2	270	580	Wet	R
	0.35	12/24/2005	07:35	8.9	6.8	1700	> 2400	Wet	R
	0.90E	12/28/2005	07:57	8.7	6.9	2200	> 2400	Wet	I
	1.50E	12/28/2005	08:12	9.0	9.7	170	770	Wet	R

Baker Creek

0.15	10/26/2005	07:10	8.1	12.6	9.6	65000	> 2400	Wet	I
0.32	10/26/2005	07:27	8.0	10.8	11.2	2100	2400	Wet	R
0.36S	10/26/2005	07:48	7.9	10.3	10.5	26000	> 2400	Wet	I
0.15	11/23/2005	08:37	8.2	12.2	8.8	1000	1700	Wet	I
0.32	11/23/2005	08:56	8.2	8.6	10.0	440	610	Wet	R
0.36S	11/23/2005	09:17	8.1	7.4	9.4	3800	> 2400	Wet	I
0.15	12/22/2005	08:10	7.5	6.2	9.7	180	200	Dry	R
0.32	12/22/2005	08:28	7.8	6.8	9.6	140	220	Dry	R
0.36S	12/22/2005	08:52	7.7	6.7	9.8	160	210	Dry	R

*Status: I - Site Under Investigation, R - Reportable for monitoring purposes
Precipitation event = "Wet" if the total amount of rainfall for four days prior to the sample was greater than 0.1 inches.

0001372



Creek Monitoring Report

Report Date: 1/25/2006

Knoxville Utilities Board
Water Quality Laboratory
Debbie Alley, Lab Supervisor
835 East Jackson Avenue
Knoxville, Tennessee 37915
(865) 594-8280 Fax: (865) 594-8345

Creek Mile #	Sample Date	Sample Time	pH	Sample Temp (C)	Dissolved Oxygen (mg/L)	Fecal Coliform (CFU/100 mL)	E-Coli (MPN)	Precipitation Event	Status*
Lovins Creek									
0.85	10/05/2005	08:52	7.6	15.9	9.1	540	1000	Dry	R
1.89	10/05/2005	08:35	7.1	15.8	9.4	100	160	Dry	R
3.45	10/05/2005	08:17	7.6	18.2	9.2	110	100	Dry	R
0.85	11/01/2005	08:39	8.0	10.8	9.2	200	210	Dry	R
1.89	11/01/2005	08:20	7.5	12.8	8.2	100	100	Dry	R
3.45	11/01/2005	07:57	8.8	12.2	9.3	< 10	35	Dry	R
0.85	12/06/2005	08:57	7.9	5.7	4.9	64	120	Wet	R
1.89	12/06/2005	08:17	7.3	10.1	4.7	20	21	Wet	R
3.45	12/06/2005	07:59	8.2	8.3	5.0	160	140	Wet	R
Williams Creek									
0.53	10/11/2005	08:10	8.1	17.5	8.3	290	280	Dry	R
1.12	10/11/2005	08:42	7.8	17.3	8.5	340	310	Dry	R
1.67	10/11/2005	08:30	7.4	18.1	5.6	2400	2400	Dry	R
0.53	11/03/2005	08:36	7.9	12.3	9.0	110	95	Dry	R
1.12	11/03/2005	08:17	7.7	13.2	7.9	300	340	Dry	R
1.67	11/03/2005	07:50	8.7	14.1	8.3	3500	280	Dry	R
0.53	12/14/2005	09:00	8.4	5.9	3.8	67	280	Wet	R
1.12	12/14/2005	08:40	8.6	6.7	3.9	82	280	Wet	R
1.67	12/14/2005	08:20	9.3	7.9	4.0	90	310	Wet	R

*Status: I = Site Under Investigation, R = Reportable for monitoring purposes
Precipitation event = "Wet" if the total amount of rainfall for four days prior to the sample was greater than 0.1 inches.

0001373

Spill Impact Sampling Results **Water Quality Monitoring Program**

Event Date: December 16, 2005
Address: 1204 Woodcrest Drive
Description: SSO discharged into tributary that flows into First Creek.
Sampling Notes: There was no industry upstream of the SSO in the collection system, therefore no Priority Pollutant samples were collected.
Precipitation: 12-15-05: 0.84" Rain
 12-16-05: 0.00" Rain

Sample Location	Sample Date	Sample Time	Dissolved Oxygen (mg/l)	Temperature (Celsius)	pH	Fecal Coliform (CFU/100ml)	E-Coli (MPN)
40 ft upstream of SSO	12-16-05	13:45	3.7	8.8	7.5	2,400	> 2,400
30 ft downstream of SSO	12-16-05	13:40	3.5	9.0	7.0	28,000	> 2,400
40ft upstream of SSO	12-19-05	13:25	4.2	6.0	7.7	450	1200
30 ft downstream of SSO	12-19-05	13:20	5.1	6.1	7.9	330	730

Event Date: December 25, 2005
Address: 4800 River Place
Description: SSO discharged into Holston River. Wet-weather event, but samples were collected after cleanup to evaluate water quality conditions.
Sampling Notes: There was no industry upstream of the SSO in the collection system, therefore no Priority Pollutant samples were collected.
Precipitation: 12-24-05: 0.32" Rain
 12-25-05 0.33" Rain

Sample Location	Sample Date	Sample Time	Dissolved Oxygen (mg/l)	Temperature (Celsius)	pH	Fecal Coliform (CFU/100ml)	E-Coli (MPN)
30 ft upstream of discharge	12-27-05	10:03	12.4	6.1	8.6	73	93
50 ft downstream of discharge	12-27-05	10:12	11.4	7.3	7.7	440	980

Event Date:

December 26, 2005

Address:

4904 Shannon Lane

Description:

SSO discharged into small tributary that flows to Whites Creek. Wet weather event, but samples were collected after cleanup to evaluate water quality conditions.

Sampling Notes

There was no industry upstream of the SSO in the collection system, therefore no Priority Pollutant samples were collected.

Precipitation:

12-25-05: 0.33" Rain
12-26-05: Trace Rain

Sample Location	Sample Date	Sample Time	Dissolved Oxygen (mg/l)	Temperature (Celsius)	pH	Fecal Coliform (CFU/100ml)	E-Coli (MPN)
30 ft upstream of SSO	12-27-05	9:15	0.7	7.7	6.8	20	6
50 ft downstream of SSO	12-27-05	9:12	1.1	7.7	6.8	> 600,000	> 2,400
450 ft downstream at entrance to Whites Creek	12-27-05	9:05	5.9	13.9	8.6	5,900	> 2,400
30 ft upstream of SSO	12-30-05	10:10	2.1	8.1	7.3	10	7
50 ft downstream of SSO	12-30-05	10:05	2.8	9.5	7.0	2,100	2,400
450 ft downstream at entrance to Whites Creek	12-30-05	10:18	8.2	8.2	7.3	500	2,400
30 ft upstream of SSO	1-9-06	10:20	1.3	12.9	6.9	<10	2
50 ft downstream of SSO	1-9-06	10:15	5.3	12.7	7.0	280	520
450 ft downstream at entrance to Whites Creek	1-9-06	10:01	7.3	13.3	8.0	600	> 2,400

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Investigative Sampling Results Water Quality Monitoring Program

KUB began the investigative component of the Water Quality Monitoring Program with a kick-off meeting on December 7, 2005. Field investigation on Williams Creek will begin in February 2006.

Based on the e-coli results at the Whites Creek location near Shannon Lane, this site will be considered for further investigation.

Notification from a KUB customer initiated a water quality investigation near 710 Radford Place. The initial notification questioned whether water flowing in a storm drain was stormwater or wastewater. Based on sample analysis, the findings of the investigation indicated that the water in question was stormwater. A lining was installed in the adjacent sewer pipe to alleviate the customer's concerns. Laboratory data from this investigation is as follows:

Initial notification of 710 Radford Place on 10-14-05

Sample results:

Sample Location	Sample Date	Sample Time	Fecal Coliform (CFU/100ml)
710 Radford Place	10-14-05	10:45	180
Upstream of 710 Radford Place	11-15-05	14:00	45
710 Radford Place	11-15-05	13:10	82
Upstream of 710 Radford Place	11-16-05	08:20	2900
710 Radford Place	11-16-05	08:00	60000
Upstream of 710 Radford Place	11-18-05	09:15	50
710 Radford Place	11-18-05	08:55	30
Downstream of 710 Radford Place	11-18-05	09:05	40
710 Radford Place	11-22-05	09:35	180
710 Radford Place	12-2-05	1450	10

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