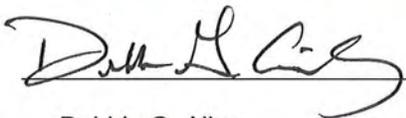


Annual MOM Progress Report

2015

Submitted to EPA on February 26, 2016

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Debbie G. Ailey

2-26-16

Date



006246

Table of Contents

Section 1	Introduction	1
Section 2	Grease Control Program	7
Section 3	Continuing Sewer System Assessment Program	10
Section 4	Infrastructure Rehabilitation Program	15
Section 5	Gravity Line Preventive Maintenance Program	17
Section 6	Sewer Overflow Response Plan	18
Section 7	Other MOM Programs	20
Section 8	Private Lateral Program	22
Appendices		
A	Grease Control Program Summary Tables	
B	Pump Station Maintenance Activities and Schedule	
C	Summary Table of Pump Stations Using Chemical Injection and Odor Control	
D	Pump Station and Storage Facility Sample Inspection Checklists	
E	Customer Information Guide	
F	Can the Grease Brochure	
G	Toilets Are Not Trash Cans!	

Section 1: Introduction

KUB's Management, Operations, and Maintenance (MOM) programs continue to make significant improvements in the wastewater collection system resulting in both reduced overflow frequencies and volumes since 2003. The significant improvements in our MOM programs include increased asset inspections, more frequent gravity main cleaning, increased system storage for better wet-weather overflow control, and rehabilitation of the approximately 1,300 miles of collection system pipes.

Sanitary Sewer Overflows

KUB's continued focus on MOM programs and system rehabilitation has produced significant reductions from the number of sanitary sewer overflows (SSOs) that occurred before KUB implemented its PACE 10 Program in 2004. [PACE 10 was KUB's accelerated 10-year, \$530 million wastewater improvement program to aggressively attack the problem of sewer overflows. "PACE" stands for "Partners Acting for a Cleaner Environment."] With the completion of the 134 collection system projects required under the Consent Decree (CD), KUB has transitioned the PACE 10 program and the management of wastewater system projects, including the remaining plant projects required by the CD, to the Century II program. Century II is the infrastructure management program KUB implemented in 2007 [using PACE 10 as a guide], which already manages KUB's electric, natural gas, and water systems.

Figure 1 illustrates the SSO event history for KUB. The total number of SSOs continues to decline, and it is apparent that total rainfall has less of an impact on our wastewater system than before our PACE 10 efforts.

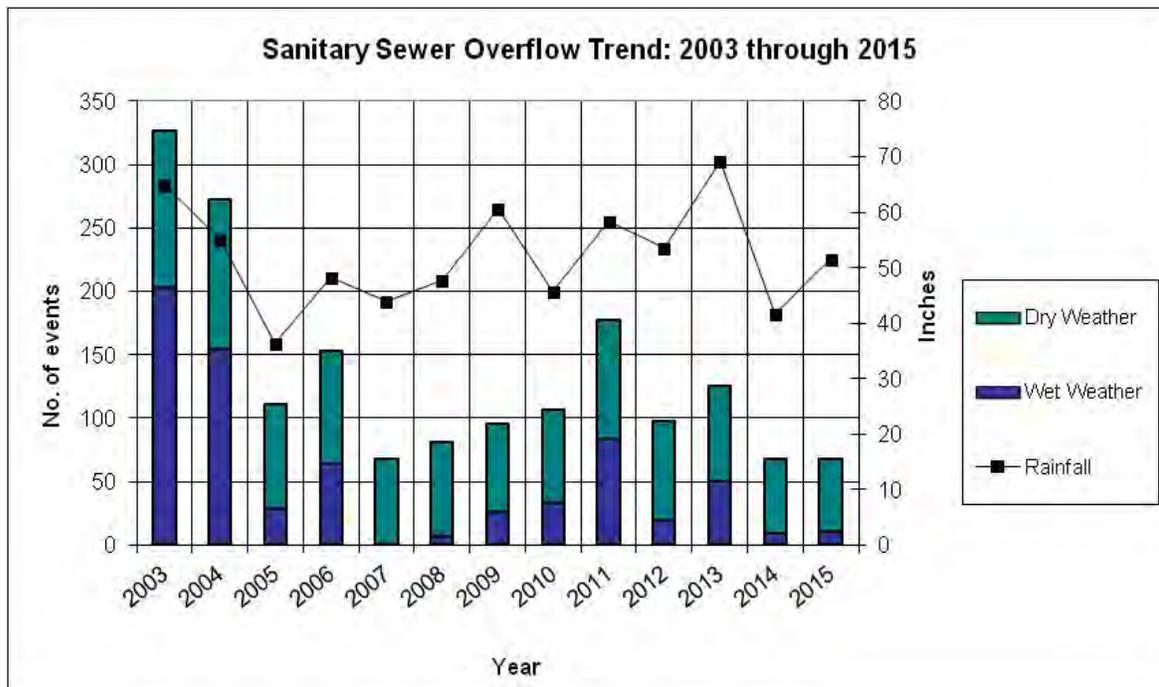


Figure 1. Sanitary Sewer Overflow Trend: 2003 through 2015

KUB experienced 10 wet-weather overflows in 2015 versus over 200 in 2003. The increasing trend in wet-weather overflows from 2008 to 2011 and the one year increase in 2013, seen in Figure 1, are reflective of the influence of total rainfall which generally trended upward for the six year period beginning in 2007. Continuous wet weather creates saturated ground conditions, which is also known as high antecedent moisture conditions. Extended rainfall results in more inflow and infiltration (I/I) when excess storm water causes flooding. Higher flows in the collection system from I/I in areas that have not undergone rehabilitation make the system more susceptible to overflows during heavy rain events. Improvements made in KUB's collection system have lessened the effects of rainfall and antecedent moisture as evidenced by the number of SSOs typically occurring prior to KUB's PACE 10 efforts.

KUB's wastewater storage facilities at Lower First Creek, Upper First Creek, Second Creek, Lower Third Creek, Upper Third Creek, and Walker Springs operated a combined total of 64 times in 2015, containing a total of 97.25 million gallons of wastewater. As shown in Figure 1, the total rainfall for 2015 exceeded that of 2014 by approximately ten inches, yet this significant increase in total rainfall only resulted in one additional wet-weather overflow. The tanks and system improvements continue to help KUB prevent spikes in flow that exceed the hydraulic capacity of the collection system and meet requirements to prevent sewer overflows and protect our environment.

The volumes and number of times that KUB's storage facilities operated in 2015 were:

Table 1. Storage Facilities

Facility Name	Number of times operated	Total Gallons Stored
Lower First Creek Storage Facility	14	17.61 MG
Upper First Creek Storage Facility	10	16.35 MG
Second Creek Storage Facility	5	16.6 MG
Lower Third Creek Storage Facility	11	25.07 MG
Upper Third Creek Storage Facility	7	11.44 MG
Walker Springs Storage Facility	17	10.18 MG
Total	64	97.25 MG

KUB also continues to focus on its MOM programs and system rehabilitation to reduce blockage-related overflows, especially through the efforts of the Blockage Abatement (BA) and Grease Control programs. As shown in Figure 2, KUB experienced 58 dry-weather overflows in 2015. Blockages associated with grease, debris, and roots continue to be the leading causes, or major contributing factors, in dry-weather overflows, accounting for 30 of the 58 overflows that occurred. Other causes of dry-weather overflows include broken systems, construction failures, grinder pump failures, mechanical failures, vandalism, and heavy rainfall. Increased flow from I/I during a heavy rain event can cause solid materials in the mains to move downstream, leading to an increased risk of blockage related overflows further downstream.

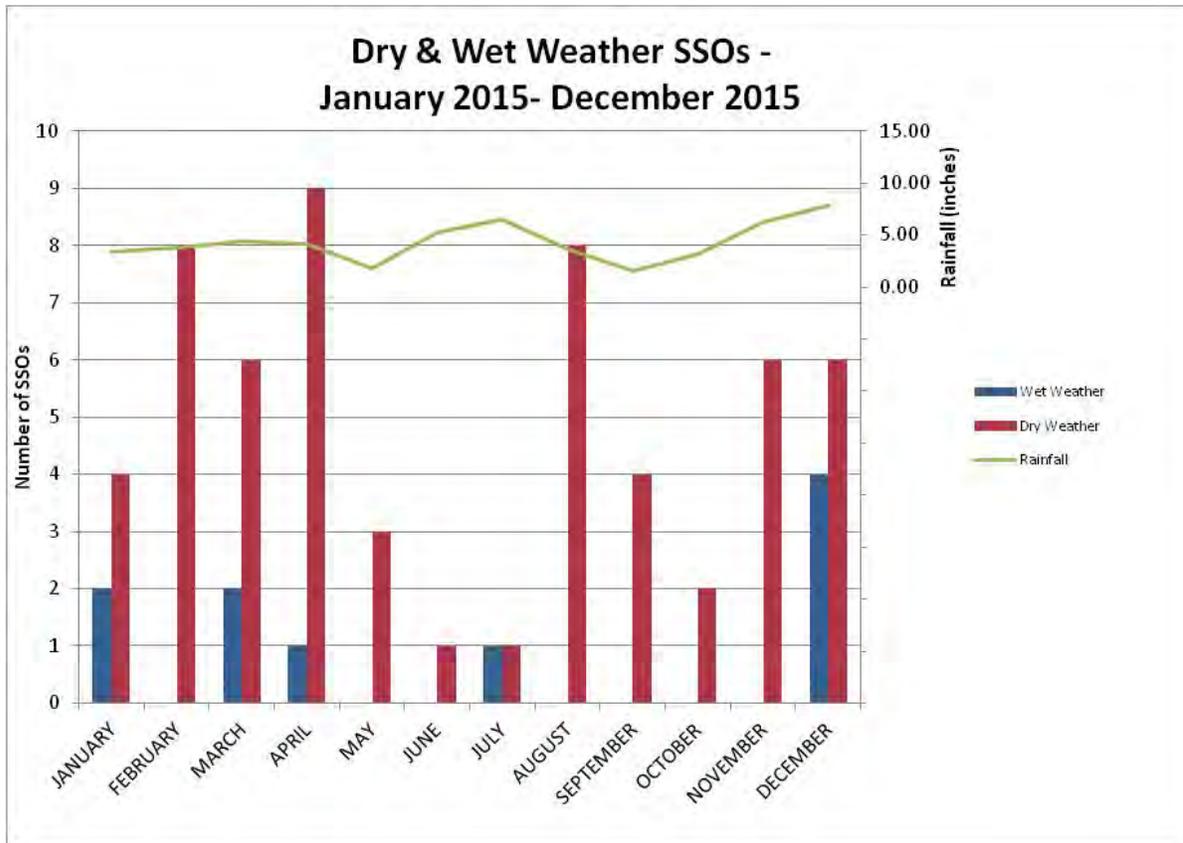


Figure 2. Dry- & Wet-Weather SSOs January 2015 –December 2015

In addition to the routine collection system assessment, KUB implemented a Trunkline Inspection Program in 2014 to focus on the assessment of all gravity mains that are 12 inches or larger in diameter, which have not already undergone rehabilitation. KUB began the program with 358,444 feet (ft) of trunkline in this category. This effort presents unique challenges because of the flow and size of these mains and their critical role in the collection system. Trunkline condition assessments included Pipeline Assessment Certification Program (PACP) observations and a thorough engineering evaluation, in order to provide a maintenance recommendation and a rehabilitation recommendation, if warranted, for each line. As of 2015, 224,938 (ft) of trunklines have been inspected. The results of the Trunkline Inspection Program have allowed KUB to identify critical lines downstream of wet-weather SSO locations that were subsequently placed in the Blockage Abatement Program. In addition to the significant reduction of SSO events in these targeted areas, further trunkline inspections and evaluations have led to three improvement projects that are currently being constructed or designed to address deficiencies in the wastewater collection system.

KUB's Grease Control Program requirements help to prevent grease related blockages. KUB requires all food service facilities (FSFs) to have and maintain grease control equipment. In addition, KUB continues an aggressive communication campaign to residential customers concerning grease. In 2015, KUB mailed grease letters to 2,420 residential customers and conducted inspections of 81 commercial customers near 16 grease-related overflows to convey regulatory requirements and the importance of controlling grease.

MOM Programs

Grease Control Program

The activities of this program reduce grease related problems in the collection system, eliminate grease-related SSOs, and prevent grease from entering the wastewater treatment plants. There are currently 893 permitted food service facilities (FSFs) in KUB's service area. Additionally, there are 182 FSFs that are inactive or have closed but still are inspected at least annually to verify if food preparation has resumed at that location.

KUB conducted a total 1,569 FSF inspections in 2015, which resulted in 76 customers upgrading their equipment, as noted in the summary tables in Appendix A. There were 42 grease interceptors and 34 grease traps installed as a result of these upgrades. [Some customers installed multiple interceptors and/or traps.] KUB is currently working with 211 customers to ensure their equipment is properly maintained and/or sized in accordance with our program requirements. These efforts and investments by our customers continue to help prevent grease buildup in our system.

KUB promotes awareness of proper grease disposal methods to our residential customers through our Can the Grease (CTG) program all throughout the year. Information is always available on KUB's website, and it is highlighted on the home page during the winter holiday season. Residential homeowners also receive educational information through customer newsletters, event promotions of the CTG program in the local newspaper, and community events.

KUB provides CTG program information to customers in areas where grease related issues are identified or where an overflow occurs. KUB inspects sewer mains routinely throughout the year. Televised video that reveals grease buildup in sewer mains helps identify areas where customers need information about the problems associated with grease. When needed, KUB mails CTG material to residential customers in grease problem areas, even if no overflow has occurred. Customers receive a brochure, grease can liner, and a grease pan scraper to remind them to Can the Grease.

In 2015, KUB used televised video to identify sections of sewer mains containing grease buildup of ten percent or more. As a result of the video inspections, KUB was able to remove grease buildup from approximately 82,000 (LF) of sewer mains. In addition to discovering segments of the collection system to be placed on Blockage Abatement (BA), the televised video will also allow KUB to identify customer areas to target for CTG program information.

Gravity Line Preventive Maintenance

Another effort that continues to reduce dry-weather SSOs is our Blockage Abatement (BA) Program, a routine cleaning and inspection program to remove grease, roots, and debris from sewer mains.

The BA Program uses increased frequency of cleaning to prevent overflows in areas with previous problems until KUB schedules projects for more permanent repairs. The footage of mains on BA fluctuates each year as KUB completes scheduled repairs or identifies areas where additional cleaning is needed based on information obtained during system assessment activities.

In 2015, BA crews cleaned 945,607 ft (179 miles) and televised 192,938 ft (36 miles) of these gravity sewers.

Continuing Sewer System Assessment Program (CSSAP)

In addition to the BA footage, KUB crews and contractors proactively cleaned and televised 344,865 ft (65 miles) of sewers in 2015. KUB contractors also smoke-tested 368,593 ft (70 miles) of sewers and inspected 2,687 manholes in 2015. KUB used this data and additional information from its other MOM program efforts to assess the condition of the assets for additional maintenance and/or system rehabilitation efforts. This assessment information is collected as part of the Continuing Sewer System Assessment Program (CSSAP) and is used to feed the Infrastructure Rehabilitation Program (IRP) decision-making process. We refer to this as our basin characterization process. As all the data is collected for a sub-basin or mini-basin, engineers evaluate the information and then make recommendations for rehabilitation, replacement, or continued maintenance and inspection based on design criteria and engineering judgment.

Through the collection of multiple sources of data, such as as-built drawings, field inspections, and asset management information, KUB created a database to manage the continual evaluation of each sewer pump station and the connected force mains. This database tracks general information about each pump station and actual operational data, such as flow rate and other information from the Supervisory Control and Data Acquisition (SCADA) system.

KUB uses the database as the primary tool to assess station condition and ensure that the pump stations are a reliable means of transporting wastewater during dry- and wet-weather conditions.

Infrastructure Rehabilitation Program (IRP)

In 2015, KUB spent \$31 million in wastewater collection system and pump station projects, including the completion of three pump stations and the rehabilitation or replacement of approximately 32 miles of pipe and 675 manholes in the collection system. KUB completed 22 projects and started 12 additional projects that are currently in construction. All of these projects are in addition to the previously completed CAP/ER projects and are included in our Century II Program.

Private Lateral Program (PLP)

KUB also inspects customer-owned private laterals, in accordance with the Pipeline Assessment and Certification Program (PACP), to determine if they are a source of inflow and infiltration (I/I). If a private lateral is deemed to be a significant source of I/I, KUB will notify the customer of the defective lateral or prohibited connection discovered, and enforce repairs or replacements as required by our PLP. As of 2015, KUB has inspected approximately 99 percent of private laterals in the system to eliminate extraneous sources of I/I. KUB tracks information about the PLP in a Lotus Notes information management system (IMS) called the Private Lateral Tracker. Seven laterals were repaired or replaced in 2015 under the PLP.

Summary

KUB continues to complete numerous improvement projects and maintain the ongoing MOM programs to further reduce wet-and dry-weather overflows. This progress report shows how KUB will continue to use and refine its MOM programs in the future to better maintain our system, serve our customers, and protect our environment. The following

sections provide more specific information on the MOM activities over the course of this past year that have been highlighted in this introduction.

KUB continues to implement, manage, and refine the Other MOM Programs listed in the Consent Decree Appendix A. Where applicable, any of those programs with changes or significant accomplishments are summarized in Section 7.

Section 2: Grease Control Program

KUB's Grease Control Program consists of three primary elements:

- Routine inspection of food service facilities (FSFs)
 - Existing FSFs
 - New/remodeled FSFs
- Grease-related SSO Response
- Residential Grease Control Program

This MOM Progress Report section and the summary tables included in Appendix A provide an overview of the program's activities in 2015. There were only 16 grease related SSOs in 2015 as a result of the continued focus on Grease Control Program (GCP) activities. The summary tables provide more detailed information pertaining to grease-related SSOs, interceptor requirements for FSFs, the number and results of inspections, enforcement actions, and other program activities. All 1,075 FSFs within KUB's wastewater service area are on a scheduled rotation for inspection depending on their potential to discharge grease to the collection system and their compliance record.

Inspections of Food Service Facilities (FSFs)

FSFs are inspected to determine their risk rating which is based on their potential to discharge grease into the collection system. Each facility is rated based on its size, operational practices, maintenance of grease control equipment, record-keeping practices, and overall compliance with the GCP. If a FSF's equipment is undersized or poorly maintained, then the FSF has potentially contributed to grease related SSOs. In these cases, their risk rating will be set as high or unacceptable. If the facility is consistently rated as unacceptable, the FSF will be required to upgrade its grease-control equipment or increase pumping frequency.

KUB continued to focus on conducting as many FSF inspections this past year as possible to reduce grease related problems in its collection system, eliminate grease-related SSOs, and prevent grease from entering the wastewater treatment plants. KUB conducted 1,569 total FSF inspections in 2015. That included 107 initial inspections, 714 routine inspections, 672 follow-up inspections, and 76 installation inspections. Routine inspections conducted in 2015 have increased by approximately 12 percent over those conducted in 2014. A FSF is assigned a routine inspection if they have demonstrated the ability to maintain compliance with the GCP. Although the number of total FSF inspections in 2015 was only slightly higher than 2014, the relative increase in routine inspections and decrease in follow-up inspections shows continued progress in FSF compliance with the GCP. Inspections allow us the ability to speak directly with employees in the FSF about grease issues and also leave a brochure, an inspection form, or a notice of non-compliance, if applicable. All these efforts help to educate FSFs about the GCP's purpose and requirements, while providing an opportunity to ensure that grease control equipment is being properly cleaned and maintained.

The inspections performed in 2015 resulted in 672 enforcement notices as noted in Appendix A. One FSF was also published in the newspaper and is now moving toward compliance. KUB is closely monitoring 211 FSFs that currently have an unacceptable risk rating in our system. KUB is working with these facilities to ensure their equipment is properly maintained and/or sized in accordance with our program requirements. In some cases this involves making sure that businesses routinely clean and maintain their

current equipment. It also includes requiring some facilities to upgrade the size of their traps or interceptors. In 2015, KUB continued to focus on facilities that had aging grease control equipment. KUB requires FSFs to maintain their equipment in good operating condition. Traps and interceptors can develop cracks and corrosion over time. Some FSFs were allowed to use their existing equipment when the GCP was implemented in our service area in 2003. This resulted in some equipment requiring more frequent maintenance or the potential discharge of grease if the equipment was not the proper size for the FSF's operation. KUB has been working over the last three years to get more FSFs in compliance with current program standards for equipment size. A total of 76 customers, as noted in the summary tables in Appendix A, upgraded their equipment in 2015. This represents an approximate 19 percent increase over the total amount of customers who upgraded their equipment in 2014. There were 42 grease interceptors and 34 grease traps installed as a result of these upgrades.

Some of these customers have businesses in the downtown areas where zero lot lines and building infrastructure make increasing the size of the grease control equipment a challenge. KUB has 68 downtown FSFs and has been working with them to ensure that there is adequately sized grease control equipment in place. In 2015, 15 downtown area FSFs installed an interceptor or a trap. This accounts for approximately 78 percent of the downtown area that is now in compliance with the standards of the GCP. KUB is currently working with 15 other FSFs to ensure that current compliance standards are achieved.

Grease Program Permitting Phase

The program requires all active FSFs to be inspected at least annually and to obtain a Grease Control Permit every two years if they prepare food. There are currently 893 permitted FSFs in KUB's service area. Additionally, there are 182 FSFs that are inactive or have closed but still are inspected at least annually to verify if food preparation has resumed at that location.

KUB continues to improve on contacting businesses as soon as we become aware that a facility may be starting food preparation or a new restaurant is being constructed. The information provided through the permitting process helps ensure that equipment sizing requirements can be communicated before remodeling or construction begins.

KUB also requires FSFs to have their grease control equipment inspected and certified to be in good working condition periodically. Certifications can identify equipment that cannot retain grease adequately due to insufficient size, improper piping, deterioration, etc. Information communicated to KUB through the permitting process, allows KUB to determine if existing equipment may need to be certified. Certifications are completed through a coordinative effort involving waste haulers, KUB personnel, and representatives of the FSF.

Grease-Related SSO Response and Residential Can the Grease (CTG) Program

When a grease-related overflow occurs, KUB initiates an investigation that includes making field inspections and sending information to residential customers.

Based on the location of the SSO, KUB uses the electronic mapping tool, Geographic Information System (GIS), to identify all wastewater customers within the geographic area upstream of the SSO location as potential grease contributors. KUB inspects all the commercial customers upstream from the SSO location to verify their compliance with KUB's Grease Control Program requirements. Educational CTG information on collecting grease instead of disposing of it down the sewer drain is mailed to the residential customers.

In 2015, KUB mailed grease letters to 2,420 customers near 16 grease-related overflows. KUB sent educational brochures and CTG grease can liners to all residential customers to bring attention to putting grease in the trash rather than in the wastewater system. [Note: KUB does not send educational materials to commercial customers, which must have grease traps or interceptors if they are cooking or preparing food. All commercial customers near grease related SSOs are inspected to ensure compliance with the program.]



KUB promotes awareness of proper grease disposal methods to our residential customers through our Can the Grease program throughout the year. Information is available on KUB's website, and it is highlighted on the home page during the winter holiday season. Residential homeowners also receive educational information through customer newsletters, event promotions of the CTG program in the local newspaper, and community events.



KUB promotes the CTG program proactively in areas where grease related issues have been identified, even if an overflow did not occur. KUB inspects sewer mains routinely throughout the year as part of the CSSAP and BA programs. Televised video that reveals grease buildup in sewer mains helps identify areas where customers need information about the problems associated with grease. KUB proactively mails CTG materials to customers

in grease problem areas. Customers receive a brochure, grease can liner, and a grease pan scraper to remind them to Can the Grease.

Section 3: Continuing Sewer System Assessment Program (CSSAP)

The CSSAP is a systematic evaluation of the entire wastewater collection and transmission system (WCTS) that also assesses capacity to support prioritization of the Infrastructure Rehabilitation Program (IRP). It consists of five key programs, each of which includes a method for setting priorities to determine where assessments are to be performed, a list of the tools and methods to be used to conduct assessments, and a performance measure to track progress. KUB is on schedule to finish all assessments within one complete cycle period (in 2016).

The following table shows the elements of the CSSAP assessment tools and performance goal periods:

Table 2. CSSAP Elements

Program Elements	Assessment Tools	Completed in 2015	Total Completed*	One Complete Cycle Period
Manhole Condition Assessment	Manhole Inspections Smoke Testing	8.9 percent	98.9 percent	12 Years
Gravity Sewer Condition Assessment	Flow Monitoring Smoke Testing Dye Testing CCTV	5.3 percent	99.3 percent	12 Years
Private Lateral Condition Assessment	Flow Monitoring Smoke Testing Dye Testing CCTV	5.7 percent	98.7 percent	12 Years
Force Main Performance Assessment	Corrosion Defect Identification	0 percent	100 percent**	2 Years
Pump Station Performance Assessment	Pump Station Performance and Adequacy	100 percent	100 percent**	2 Years

*Since CSSAP approval 7-28-05

**Comprehensive Inspections alternate each year between the Force Main Performance Assessment and Pump Station Performance Assessment.

Manhole and Gravity Sewer Condition Assessment

We are dedicated to completing one full cycle of collection system assessment and cleaning in 12 years. At the end of year 11, KUB has completed inspection of approximately 99 percent of manholes and approximately 99 percent of the gravity system infrastructure. KUB's daily clean and CCTV goal is 2,500 ft per day for an assumed 200 working days/year (200 days provides allowance for weather, emergency

response, equipment, training, and other personnel constraints that may limit a working day). This amounts to 500,000 ft per year, or approximately 8.5 percent of the system.

In addition to the 179 miles of BA footage, KUB crews and contractors cleaned and televised 344,865 ft (65 miles) of gravity sewers, smoke-tested 368,593 ft (70 miles) of sewers, and conducted 2,687 manhole inspections, with 675 manholes rehabilitated or replaced in 2015 [NOTE: Some of the manholes rehabilitated or replaced in 2015 were inspected in previous years]. Approximately 169,572 ft (32 miles) of wastewater mains in the KUB system were rehabilitated or replaced.

Figure 3 shows the total progress KUB has made through 2015 in implementing CSSAP activities. The green lines identify where CCTV, smoke testing, and manhole inspections have been conducted, while the red lines indicate mains that will be completed by the end of the current cycle. We continue to review data from previous years to ensure thorough cleaning and inspections on all assets in each sub-basin.

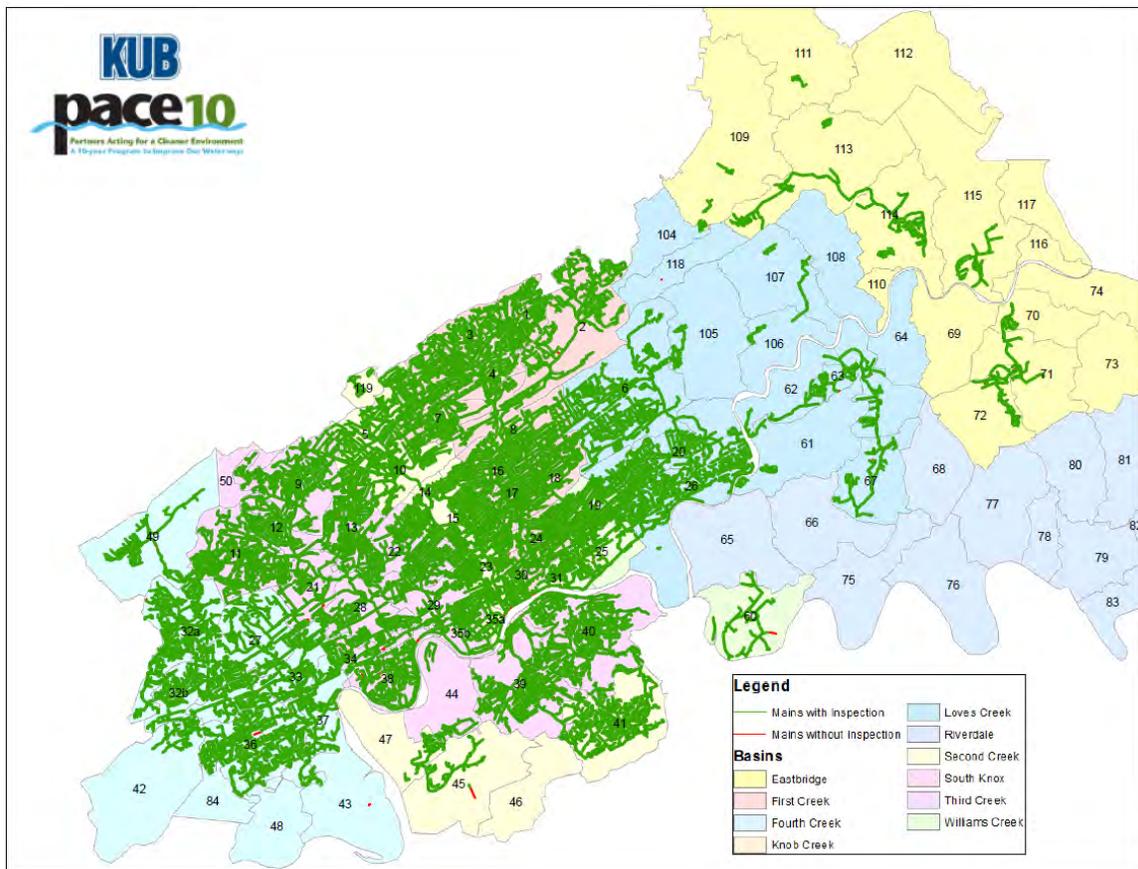


Figure 3. CSSAP Activities

Flow Monitoring and Modeling

Flow monitoring and modeling continue to be important tools to help KUB assess its system and prioritize basins for cleaning and rehabilitation. KUB has 30 permanent flow meters strategically placed in the wastewater system. In addition to the permanent monitoring locations, KUB has an additional 8 traveling flow monitors and 4 rain gauge locations currently (as of December 2015) being utilized to assist with localized collection system improvements.

KUB plans to continue to use permanent meters and to add temporary meters as needed to collect data for the system model to help determine what areas to investigate and prioritize for future projects. Flow monitoring data supports planning for Gravity Line Preventive Maintenance, Pump Station and Force Main Preventive Maintenance, and Infrastructure Rehabilitation.

As a part of the temporary flow monitoring process, R-values are developed for each flow monitored area, or mini-basin. R-values are defined as the ratio of the volume of rainfall dependent inflow and infiltration (RD I/I) in the collection system to the total rainfall volume of a storm event. KUB uses R-values to assess how much storm water is entering the wastewater collection system. R-value is expressed as a percentage of rainfall from a storm event that enters the wastewater collection system via inflow and infiltration. The higher the R-value, the higher the percentage of rainfall that may enter the collection system.

KUB has completed and used flow monitoring data in various basins to identify opportunities for I/I reduction through system improvements thus far, including projects completed in 2015. KUB conducted temporary flow monitoring in ten wastewater drainage basins from January 2009 through February 2015 as indicated in Table 3. From this analysis, general improvements were noted in numerous mini-basins. R-values and flow monitoring notations developed from the analysis led to recommendations for a more thorough evaluation of these mini-basin areas.

Table 3. Flow Monitoring Timeline

Wastewater Basin	Date of Study	Temporary Flow meters	Permanent Flow meters	Miles of Line Evaluated
First Creek	Jan-09	42	7	276
Williams Creek	Jan-09	9	2	53
South Knoxville / Knob Creek	Feb-10	34	5	141
Fourth Creek	Feb-11	39	5	239
Second Creek	Feb-12	24	2	123
Loves Creek	Feb-12	22	3	120
Eastbridge	Feb-12	3	1	38
Sinking Creek	Feb-12	5	2	26
Third Creek	Feb-14	46	5	256
Fourth Creek	Feb-15	43	4	239

Private Lateral Condition Assessment

Private laterals may also be a major source of RD I/I. The Private Lateral Condition Assessment includes using flow monitoring, smoke testing, dye testing, and CCTV to discover sources of I/I. Through 2015, KUB has completed assessing approximately 99 percent of private laterals in the system. As part of the PACE 10 [and now Century II] projects, KUB replaces the lower section of the lateral including the connection at the main and installs a two-way cleanout, as this portion of the lateral has been found to be a common source of I/I.

KUB has the ability to televise customers' upper laterals through the new cleanout and score them using standard Pipeline Assessment and Certification Program (PACP) criteria. When inspections occur, KUB reviews the data and makes recommendations on repairs. The recommendations are reviewed for consistency with PACP standards and enforcement action is taken where appropriate.

For more information on the Private Lateral Program (PLP), see Section 8.

Force Main and Pump Station Performance Assessment

As shown in the CSSAP table at the beginning of this section, KUB is committed to assessing all pump stations and force mains on a two-year cycle. In 2015, all 62 pump stations received a conditional assessment through a detailed inspection. During these comprehensive inspections, the estimated remaining service life of the structural integrity, mechanical equipment, and electrical reliability at each pump station is reviewed and updated from the inspections performed previously. Information from those inspections helps assess the condition and criticality grading of each facility every other year. Based on the results of the 2015 assessment, KUB prioritized pump stations to determine criticality and a course of action for each station in need of maintenance.

The wastewater facility preventive/predictive maintenance program has been streamlined to consolidate inspection methods into one practical application through the successful implementation of the Maximo Software. This software not only serves as an asset management system but also provides work management to ensure that all necessary work is performed on time and the findings are documented. KUB System Operations personnel have completed inspections of all pump stations annually since 2008. In 2015, KUB performed 4,197 scheduled facility Condition Assessments and Preventive Maintenance tasks. [See Appendix B for maintenance activities and schedule.] The biennial Condition Assessment and the scheduled Preventive Maintenance Inspections by KUB personnel resulted in numerous station improvements ranging from follow-up work orders for increased maintenance schedules to significant capital improvements.

Based on information that was gathered in the 2015 Pump Station evaluation, the following stations were assigned follow-up capital improvement projects:

- Pelham Pump Station will undergo capital improvement project that will replace the pumps, electrical components, wet well and all piping components. Construction is scheduled for 2016.
- Lyons View Pump Station will undergo a capital improvement project to replace the existing station. Construction is scheduled for 2016.

- Smithland Pump Station will undergo a capital improvement project to replace the existing station. Construction is scheduled for 2016.
- National Drive Pump Station was identified as having operation issues in the valve vault. New check valves and plug valves will be installed. Construction is scheduled for 2016.
- Schaad Road Pump Station was identified as needing a capital improvement project to replace all components in the valve vault. Construction is scheduled for 2016.
- Mascot pump station was identified as needing replacement. Design for this replacement is currently underway. Construction is scheduled to begin in 2017
- Three Points pump station was identified as needing replacement. Design for this replacement is currently underway. Construction is scheduled to begin in 2017

A comprehensive force main assessment was last conducted in 2014 as required by the two-year assessment schedule. The assessment included inspections of all high-pressure air-relief valves and terminal manholes. The force main assessment evaluates the material and age of the main, the condition of the air-relief valve, the condition of terminal manholes, and problems at pump stations (pumps not pumping at their specified rating or under high pressure due to potential issues with the force main). The next comprehensive force main assessment is scheduled for 2016.

KUB also monitors Hydrogen Sulfide (H_2S) on a continuous basis and tracks odor problems, which potentially affect the condition of the force main. KUB uses temporary dataloggers (OdaLogs) to monitor H_2S levels in areas with odor complaints or previous corrosion issues. The data helps to identify potential for force main corrosion. KUB follows up with additional inspections on lines shown to have high H_2S levels for extended periods.

Manholes and lines downstream of force mains are areas that may experience odor complaints. KUB concentrates H_2S monitoring and control efforts in areas such as these and uses various methods of odor control as appropriate. Following this evaluation, KUB has been able to adjust the loading rates of chemicals at the stations to attempt to address these levels. Also, retention times of the wastewater within the wetwell and force mains are studied to reduce formation of gases. KUB's air relief valves will also reduce the build-up of Hydrogen Sulfide while improving the operation of the associated station.

In 2015, KUB monitored the Holston Hills Force main for Hydrogen Sulfide. As result of the monitoring at Holston Hills, new chemical feed pumps were installed. In addition to the pumps, new operation controls were implemented to ensure the proper chemical feed into the force main.

Section 4: Infrastructure Rehabilitation Program (IRP)

The main objectives of the Infrastructure Rehabilitation Program (IRP) are to address inflow and infiltration (I/I) and other causes of sanitary sewer overflows (SSOs) by maintaining or restoring capacity and structural integrity. It addresses both the gravity portion of the WCTS (gravity lines, manholes, etc.) and the transmission components (pump stations and force mains).

Gravity Lines and Manholes

KUB's IRP rehabilitated or replaced more than 169,572 ft (32 miles) of sewer mains in 2015, which is about 3 percent of the KUB system. The mains were rehabilitated or replaced using a mix of cured-in-place pipe, pipe bursting, and open-cut pipe replacement. Figure 4 outlines projects completed through 2015 as a result of KUB's investigations and condition assessment efforts.

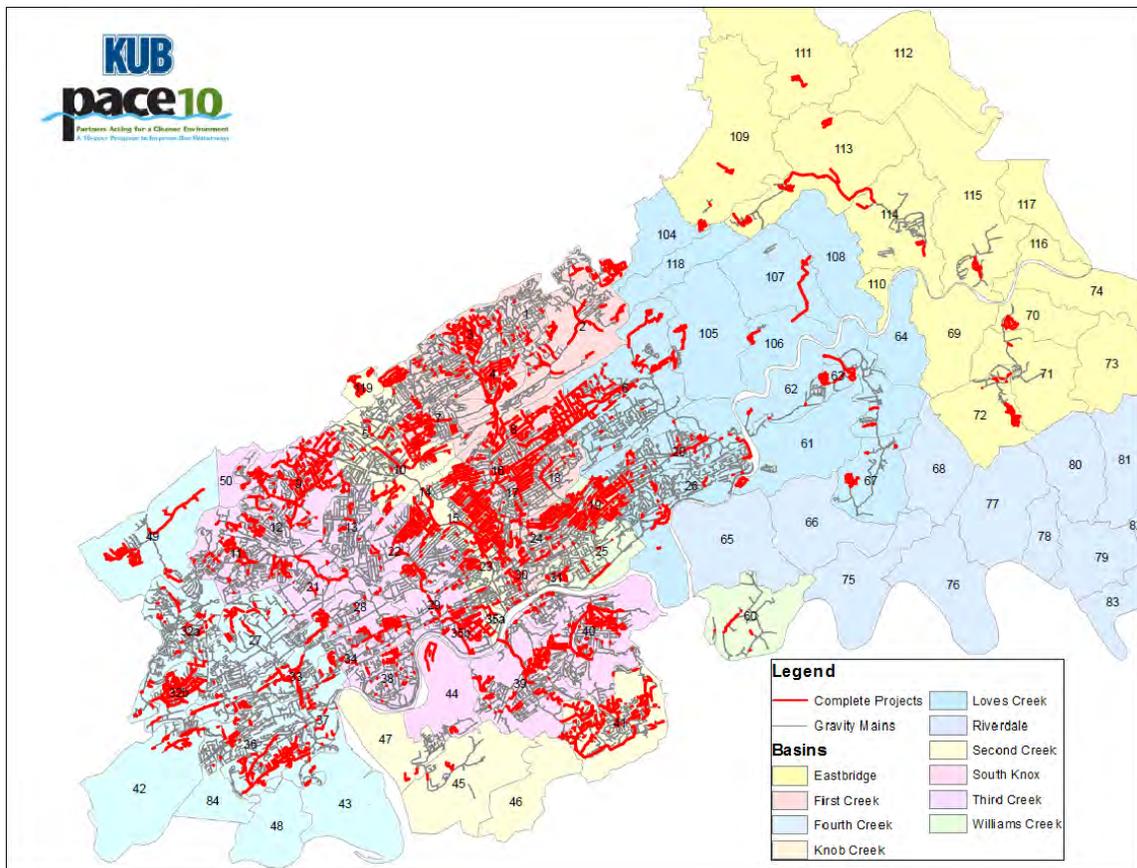


Figure 4. 2005-2015 Completed Capital Improvements

KUB initially focused heavily on flow monitoring and modeling to direct rehabilitation. As the IRP matures, KUB increasingly uses other components of the CSSAP, such as televising lines and inspecting pump stations, to direct improvements. Basin Characterization has become a larger part of the evaluation as a more comprehensive set of data becomes available from CSSAP. KUB is leveraging the collected condition monitoring data in various mini-basins to assist with improvements to Operation and

Maintenance Programs as well as Capital Improvement Planning. One such utilization of this data is the incorporation of observations from CCTV, manhole inspections, and smoke testing in KUB's ArcMap. The graphical representation and improved trending capabilities have been utilized in numerous decisions including increased cleaning frequencies, customer communications, and capital improvements.

Pump Stations and Force Mains

Key performance criteria for pump stations and force mains are hydraulic capacity, structural integrity, and mechanical and electrical reliability. KUB's ultimate goal is to upgrade pump stations as necessary to maintain the design life of equipment and to certify capacity for new connections in accordance with the requirements of the Capacity Assurance Plan (CAP).

In 2015, KUB completed upgrades or replacements of the Eastwood, McNutt, and Power Park Pump Stations. Construction is currently underway for the replacement of the Burlington and Cheowa pump stations. Construction for Burlington and Cheowa pump stations will be complete in 2016.

Other 2015 facility and equipment work included the replacement of force mains for the Eastwood, and McNutt Pump Stations. Improvements also include SCADA upgrades and improvements at various facilities based on the findings of the previous biennial Condition Assessment and the scheduled Preventive Maintenance inspections by KUB personnel.

KUB continues to monitor all wastewater facilities (pump station and storage facilities) with SCADA capabilities at the System Operations Center located at Middlebrook Pike. This is the primary notification and monitoring location for all pump station, storage facility, and metering facility conditions.

Section 5: Gravity Line Preventive Maintenance Program

The Gravity Line Preventive Maintenance Program (GLPMP) describes KUB's process for preventive cleaning of the wastewater system to improve operation, efficiency, and effectiveness. KUB is committed to inspecting the entire wastewater collection system in 12 years and cleaning lines as needed.

The GLPMP is divided into the Comprehensive Hydraulic Cleaning Program (CHCP) and Blockage Abatement (BA). Root Control and Manhole Preventive Maintenance are components of both the BA and the CHCP. KUB determines chemical and mechanical root abatement frequency by the condition assessment program.

The Comprehensive Hydraulic Cleaning Program (CHCP)

The CHCP is a systematic, planned cleaning of the system to reduce debris and grease buildup and root intrusion. It is based on preventing and reducing the initial occurrence of system disruptions and maintaining the original hydraulic capacity of the collection system. It also provides support to the CSSAP by removing any obstruction in the system that would prevent a comprehensive inspection.

As mentioned previously, KUB and contractors cleaned and televised 344,865 ft (65 miles) of KUB sewers in 2015.

The Blockage Abatement (BA) Program

The BA Program is a preventive maintenance approach for addressing operational issues. It uses previous event history and condition assessment information to implement activities that prevent or reduce system disruptions. Activities may include, but are not limited to, hydraulic flushing, mechanical and chemical root control, rodding, and televised inspections.

KUB had 708,288 ft (134 miles), or 11 percent of its sewer mains, in the BA program in 2015. BA contract crews cleaned 945,607 ft (179 miles) based on BA schedules and televised 192,938 ft (36 miles) of these sewers in 2015.

KUB adds a line segment to the BA Program based on inspection data or when a blockage or other failure occurs. For example, line segments are added to the BA Program after overflows caused by grease, as indicated in the 2015 Grease Related Overflows table of Appendix A. Each line segment included in the BA Program is assigned a cleaning frequency according to its condition and the probability or risk of failure. The frequency of the maintenance activity ranges from one month to 48 months.

During calendar year 2015, KUB continued to perform root control using mechanical root cutting and cleaning under the BA Program. KUB proactively root cut 119,243 ft (22 miles) in 2015. These mains have been added to a root cut schedule to maintain serviceability.

Section 6: Sewer Overflow Response Plan (SORP)

As reported in the most recent SORP [revised and re-submitted to the EPA June 27, 2005, and approved July 28, 2005], KUB continues to place a high priority on maintaining and executing a SORP to help protect our community and our environment. The SORP is a part of KUB's Emergency Response Plan (ERP), which was approved by EPA on December 12, 2005. The ERP helps define the level of response that we take for everything from a single, isolated event to system-wide overflows.

KUB reviews the SORP annually. This progress report includes an update on implementation of recent revisions, training, and other areas of interest.

KUB makes all reasonable efforts [without endangering the safety of the responder or the public] to respond to an SSO within 45 minutes. In 2015, we had 68 SSO events in which KUB's Underground Construction (UGC) department responded, and our average response time was 21.3 minutes. We continue to work to ensure a timely response that meets our stated goal, using technology such as remote overflow sensors that alert our system operators to an overflow condition, prompting immediate dispatch of an Underground Response Technician (URT).

We also use mobile mapping technology, which helps our responder quickly identify the geographic location of the overflow and plan the best route. Other factors that influence response time include safety considerations, location of the problem, severity of events, and workloads at the time of the call. We will continue to assess each of those factors to determine if changes need to be made to improve response time.

Safety of responders and of the public is a primary concern for KUB. During 2015, KUB UGC crews responded to 483 wastewater trouble calls [all calls, not just SSOs] with no recordable safety incidents that were directly related to the sewer trouble calls.

KUB relies on several measures to help maintain an appropriate quality of SSO response:

- Members of the CSI team, who are knowledgeable in SORP requirements, perform periodic quality assurance audits to evaluate how effectively the crew implemented the SORP. They look at a variety of factors, including containment measures, control zone and signs, and cleaning, and they check that crews followed the disinfection procedure. CSI works closely with crews and supervisors to maintain appropriate standards.
- UGC supervisors monitor crews' work on a day-to-day basis. They also use tailgate meetings in the field, coaching opportunities, and regular meetings to emphasize safety and maintaining proper standards. Compliance with established procedures is part of KUB's performance evaluation measures so that feedback can be provided to employees in case improvement is needed.
- Feedback from customers, concerned citizens, neighborhood associations, City personnel, and other organizations helps identify any instances when the quality of response falters. Such feedback is directed to CSI, who works with various departments to correct any concerns.

SORP Training: In addition to working closely with all departments involved in the SORP on a day-to-day, event-by-event basis, CSI updates appropriate personnel as needed on revisions. In addition, KUB uses a computerized SORP training tool that allows employees to train at their own pace on a computer. The computerized training is

available on demand for new employees or others who need refresher training. Targeted employees receive notification when training is required. Training is also given in a classroom setting with hands-on field training components when more appropriate.

Manhole Surcharge Sensors: As previously reported, KUB added a tool in 2005 to help alert responders when wet-weather overflows are imminent (manhole surcharge level sensors). When the level in manholes with a sensor reaches a set point, the sensor sends a page over a cellular system. The page notifies the KUB Operations Center, which dispatches an URT and sends an e-mail alert to CSI. The sensor also sends a second page when the manhole level is back below the set point. KUB continues to use the sensors [currently 17], as needed, to automate coverage of the monitored locations formerly on the list for wet-weather surveys, freeing up crews for other duties.

The process for selecting the location for the high-water alarms or manhole surcharge sensors is based on several factors, including the location of previous wet-weather SSOs and findings from the previous flow monitoring efforts.

KUB website (www.kub.org): The SSO log includes a volume category added in 2005 and a link to a permanent archive of SSOs by month. To access the SSO log, go to www.kub.org. Under either the Residential Customers or Business Customers tab, go to the menu on the left side of the screen and click on Service Information – Wastewater Programs – Sewer Overflows – Sanitary Sewer Overflows Log.

Section 7: Other MOM Programs

KUB continues to implement and manage the Other MOM Programs in substantially the same manner as previously reported. The following is a brief update on some areas of particular interest or those where there have been changes:

- Pump Station Preventive Maintenance Program
KUB's Pump Station Preventive Maintenance Program includes both routinely scheduled maintenance and work orders field crews create. A crew at a pump station for a scheduled pump inspection, for example, may also decide to inspect another piece of equipment or perform a routine facility inspection.

In 2015, Station Management Services – Pipes (SMSP) crews conducted 4,197 scheduled facility Condition Assessments (CA) and Preventive Maintenance (PM) tasks. With the implementation of KUB's new asset management software, tracking of CA and PM tasks now provides a better representation of the work actually performed; and therefore the analysis of the findings has led to adjustments in the frequencies of CA and PM tasks, thus explaining the increase of these tasks performed from 2013 through 2015. KUB also uses the rate of trouble occurrences to adjust inspection frequencies. If a pump at one station generates a number of trouble calls, crews may inspect it more frequently.

- Force Main Preventive Maintenance Program
Force mains are a critical part of the sewer infrastructure and operations. Force main and air/vacuum valve maintenance and operation have a direct impact on the hydraulic performance of wastewater pump stations. The vertical alignment of force main slopes, the location of air/vacuum valves, and the age of wastewater transmitted by the force main may also result in odor sources, corrosion problems, and even pipe failure.

Like pump stations, the force mains are evaluated based on both criticality (consequence of failure) and condition (probability of failure). Since it can be cost prohibitive to inspect the pipe of each force main in KUB's system, surrogate condition factors were used with the available existing information to estimate the condition of each asset. The force mains are analyzed and categorized in terms of field measurements and existing data collection in terms of: Quantity of Flow Conveyed, Transportation Impacts, Urban Impacts, Environmental Impacts, Public Health Impacts, Age, Material, Air Relief Valve Information, Discharge Manhole Condition, and SSOs. Combining those factors accordingly, the existing force mains can be viewed in terms of the consequences and probability of their failure, which helps dictate the necessity of replacement and/or rehabilitation.

- Public Information/Public Input Plan
KUB continues to concentrate on educating customers about the wastewater system, sewer overflows, impacts on area waterways, private lateral maintenance, and how they can help protect their plumbing and our environment. We use a variety of communication methods including our website, customer bill messages or inserts, customer newsletters, brochures, presentations, and articles or ads in local papers.

KUB's Customer Information Guide includes information about wastewater safety, private laterals, prohibited connections, and proper grease disposal. In

2015, KUB mailed approximately 19,350 guides to customers who were either new to KUB or who moved to a new address. We also include similar information in our *Connection* newsletter, which mails in all customer bills (approximately 208,000 bills per month) six times a year.

As mentioned before, KUB has transitioned the PACE 10 program and the management of wastewater system projects, including the remaining plant projects required by the CD, to the Century II program. Century II is the infrastructure management program KUB implemented in 2007 [using PACE 10 as a guide], which already manages KUB's electric, natural gas, and water systems.

We continue to mail letters to customers in advance of wastewater projects with information about the need for the project, smoke testing information, and more. In 2015, we sent approximately 11,000 wastewater construction project letters.

The KUB website home page changes periodically to include seasonal topics, new functionality, and special promotions. To ensure that customers can easily find topics that have been on the home page, we maintain a Hot Topics Index. Wastewater-related topics in the index include Biosolids, Can the Grease, Grease Control Guide for Food Service Facilities, Century II, the Private Lateral Program, Smoke Testing, Sewer Overflows, Toilets Are Not Trash Cans!, and Unwanted Medicine Disposal.

Section 8: Private Lateral Program

KUB operates a Private Lateral Program (PLP), as required by the Consent Decree and KUB's Wastewater Rules and Regulations. The PLP helps protect our environment by ensuring that property owners repair their laterals and/or remove prohibited connections. [Prohibited connections include roof downspouts and other sources of storm water.] Defective laterals or prohibited connections can overload KUB's sewer system with rainwater and contribute to sewer overflows. Leaking laterals can also add to pollution in area waterways.

KUB takes these steps as part of the PLP:

- Inspect customers' private laterals and identify defects or prohibited connections
- Inform property owners of any defects, the process to follow to make repairs, and potential availability of financial aid
- Ensure owners make lateral repairs and remove prohibited storm water connections
- Enforce the PLP by terminating the water service of customers who do not make repairs within the 120-day timeframe

KUB replaces the lower section of the sewer lateral and installs a two-way cleanout near the property line as part of wastewater system improvement projects. Analysis of flow monitoring data showed that I/I was reduced considerably by replacing this section of pipe, including the connection at the sewer main. Flow monitoring data could not conclusively measure the benefits of I/I reduction achieved by upper lateral repairs. Instead of using CCTV to inspect every lateral connection, KUB only uses routine CCTV inspections in areas that continue to experience high I/I problems after the completion of these projects.

KUB established the problem on property (POP) process in late 2007 to handle private wastewater problem calls. This process assists customers with identifying sources and locations of sewer problems via CCTV inspections, either by push cameras through cleanouts or launch cameras entering laterals from sewer mains. In 2015, KUB inspected 31 private sewer laterals. Properties are placed in the PLP if defects are discovered in the private lateral during these inspections. Quick response to POP situations, which typically includes wastewater on the ground, helps the environment by preventing wastewater from reaching ground water or being carried by storm water to area waterways, which adds to stream pollution.

KUB continues to enforce on private sewer laterals through the PLP where defects are discovered in upper laterals. The statistics below include enforcement actions undertaken in the program from January 1, 2015, to December 31, 2015.

Total Private Laterals Enforcements	4
Repair	2
Replace	2
Total with Tenants	0

Three of the four laterals under enforcement in 2015 completed their required repairs or replacement prior to December 31. The fourth lateral under enforcement does not currently have water service, and will complete their repair in 2016. Additionally, there were four properties that received reinstatements of water service after lateral work was

completed. In these cases, the water service was terminated in previous years due to noncompliance with the PLP. The required repairs were completed in 2015; and therefore, water service was eligible to be reinstated.

Total Repairs Completed	7
2015 Enforcements	3
Reinstatements	4
Terminations	0

In addition to the POP process and ongoing Century II work addressing laterals, KUB continues to require homeowners to disconnect illicit connections, such as roof downspouts, area or foundation drains, and sump pumps, in an effort to reduce excess rainwater from entering the sanitary sewer system and thus causing SSOs.

KUB also uses the website and professional group presentations to educate property owners about the importance of properly maintaining sewer laterals and removing prohibited connections.

Appendices

Appendix A

Grease Control Program Summary Tables

PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (lbs.)	Interceptor Size (gallons)	Total Inspections	Initial Inseptions	Routine Inspections	Follow-up Inspections	Installation Inspection	Inspection Letters	NONCs	NOVs	GCE Under Review	GCE Potential Concern	Comments	GCE Installed during 2015
FOG-3247	501 Arthur Street Market & Deli	501 Arthur Street	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-3813	8-Ball Billiards	2630 N. Broadway	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-3199	ABC Kiddies Academy	3100 Linden Avenue	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3690	Abundant Life Kitchen	3336 Sevier Avenue	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-1638	Aegean Mediterranean Restaurant	4861 Kingston Pike	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2652	Agave Azul Mexican Grill	4405 Kingston Pike	NO	Low	none	1500	2		2			2	0				FSF is closed.	
FOG-5291	Aladdins Grill	1723 B Cumberland Avenue		Unacceptable	8	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2919	Aladdin's Time-Out Deli #2	1428 N. Central Street		High	80	none	1		1			1	0					
FOG-8654	Ali Baba's	8078 Kingston Pike		Low	200	none	3	1	1		1	2	0					200 lb. GT
FOG-3185	All About Me Academy	2525 Merchants Drive	NO	Low	30	none	2		1	1		2	1					FSF is closed.
FOG-3244	All Occasion Catering	922 N. Central Street		Medium	none	1500	1			1		1	1					
FOG-10542	All Occasions Catering at Jackson Terminal	205 W. Jackson Avenue #213	NO	Low	none	none	1	1				1	0					No food production.
FOG-10722	Alliance Brewery	1130 Sevier Avenue	NO	Low	none	none	0					0	0					No food production.
FOG-2825	Al's Market & Deli	2900 Sevier Avenue		Unacceptable	50	none	2		1	1		2	1		Y	No flow restrictor Maintenance issues		
FOG-3093	Al's Market & Deli	1006 University Avenue	NO	Low	20	none	1		1			1	0					No food production at facility.
FOG-5860	Amherst Elementary School	5101 Schaad Rd		Medium	none	2000	1		1			1	0					
FOG-2246	Apostolic Kiddie Academy	5020 Pleasant Ridge Road		Unacceptable	none	1000	1			1		1	1		Y	One manhole Maintenance issues		
FOG-2768	Applebee's	2912 Knoxville Center Drive		Unacceptable	none	1000	1			1		1	1		Y	One manhole Deteriorating		
FOG-2247	Applebee's Restaurant	6928 Kingston Pike	NO	Low	none	1000	1		1			1	0					FSF is closed.
FOG-2680	Applebee's Restaurant #1	5316 Central Avenue Pike		Unacceptable	none	1000	1			1		1	1					One manhole
FOG-2705	Arby's #1497	2657 Magnolia Avenue		Unacceptable	30	none	2			2		2	2		Y	Insufficient GCE		
FOG-2971	Arby's #1498	4849 N. Broadway Street		Unacceptable	30	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2689	Arby's #153	6903 Kingston Pike		Unacceptable	30	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2725	Arby's #567	2819 Chapman Highway		High	40	none	2		1	1		2	1					
FOG-2669	Arby's #618	5228 Clinton Highway		Unacceptable	30	none	2			2		2	2		Y	Insufficient GCE		
FOG-2694	Arby's #6770	7122 Strawberry Plains Pike		High	40	none	3		3			3	0					
FOG-2937	Arby's #7282	2750 Schaad Road		Medium	none	1000	1		1			1	0					
FOG-3754	Archers BBQ	5415 Kingston Pike		Medium	40	none	1			1		1	1					
FOG-12050	Archer's BBQ	408 S. Gay Street		Medium	none	6000	0					0	0					
FOG-3755	Archer's BBQ Commissary	311 S. Weisgarber Road Suite E		High	none	2000	1			1		1	1					
FOG-2503	Armstein Jewish Community Center	6800 Deane Hill Drive		High	70	none	1			1		1	1					
FOG-4152	Asia Café West	8111 Gleason Drive		Unacceptable	none	1000	1		1			1	0		Y	GCE malfunction		
FOG-2525	Asian Chao	7600 Kingston Pike		Unacceptable	100	none	1			1		1	1		Y	No flow restrictor		
FOG-5173	Asian Flavor	5541 Clinton Highway		High	none	2000	2		1	1		2	1					
FOG-8010	Asian Hibachi	7741 S. Northshore Drive		High	none	1500	1			1		1	1					
FOG-2202	Atria Weston Place	2900 Lake Brook Boulevard		Unacceptable	none	1000	1			1		1	1		Y	One manhole		
FOG-2986	Aubrey's Restaurant	6005 Brookvale Lane		Medium	none	2500	2		1	1		2	1					
FOG-6343	Aubrey's Restaurant	805 Huckleberry Springs Road		Medium	none	2500	2		1	1		2	1					
FOG-7259	Aunt Dee's Kitchen	2517 Martin Luther King Jr Avenue	NO	Low	none	none	1		1			1	0					FSF is closed.
FOG-1583	Aunt Helmas Country Store	8606 Asheville Highway	NO	Low	none	1000	1		1			1	0					FSF is closed.
FOG-2248	Auntie Anne's	7600 Kingston Pike #1162		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor		
FOG-2877	Auntie Anne's	3001 Knoxville Center Drive	NO	Low	20	none	2		1	1		2	1					FSF is closed.
FOG-2793	Austin-East High School	2800 Martin Luther King Boulevard		Medium	none	1000	1			1		1	1					
FOG-5301	Austin's Steak & Homestyle Buffet	900 Merchants Drive		Medium	none	2000	5		3	2		5	2					
FOG-2372	Azteca Market	5223 Clinton Highway		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor		
FOG-10509	Azteca #104	7401 Strawberry Plains Pike		Medium	40	none	2	1			1	1	0					40 lb. GT
FOG-3046	B & D Rib Shack	5200 Rutledge Pike	NO	Low	50	none	1		1			1	0					FSF is closed.
FOG-2720	Backyard Burgers #1145	5310 Kingston Pike	NO	Low	none	1000	1		1			1	0					FSF is closed.
FOG-11372	Balter Beerworks	100 S. Broadway Street		Low	none	2000	1				1	0	0					2,000 gal. GI
FOG-2661	Baptist Hospital	137 Blount Ave.	NO	Low	none	1000	1		1			1	0					FSF is closed.
FOG-7250	Bar Marley	760 Stone Street		Medium	100	none	2	1			1	1	0					100 lb. GT
FOG-3756	Barberito's	215 Brookview Centre Way Suite 101		Medium	none	1500	1		1			1	0					
FOG-10659	Bargain Barn/Grocery Outlet	4221 Chapman Highway		High	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-2251	Barley's Taproom & Pizzeria	200 E. Jackson Avenue		High	none	1000	1		1			1	0					
FOG-2253	Barnes & Noble Cafe #2838	8029 Kingston Pike		Medium	none	1000	1			1		1	1					
FOG-1904	Bearden Beer Garden	4524 Old Kingston Pike	NO	Low	none	none	1		1			1	0					No food production at facility.
FOG-2255	Bearden Elementary School	5717 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-2257	Bearden High School	8352 Kingston Pike		Medium	none	4000	1		1			1	0					
FOG-3345	Bearden Hill Fieldhouse	6600 Kingston Pike		High	none	1500	1		1			1	0					
FOG-2258	Bearden Middle School	1000 Francis Road		Medium	none	3000	2		1		1	1	0					3,000 gal. GI
FOG-2259	Bearden United Methodist DCC	4407 Sutherland Avenue		Low	none	none	1		1			1	0		Y			
FOG-2260	Beaumont Elementary School	1211 Beaumont Avenue		Medium	none	1000	1		1			1	0					
FOG-2264	Belle Morris Elementary School	2308 Washington Pike		Medium	none	1000	1		1			1	0					
FOG-3685	Best Western Inn	5317 Pratt Road		High	40	none	1		1			1	0					
FOG-3223	Best Western Plus	7260 Saddlerack Street		Medium	40	none	2		1		1	1	0					40 lb. GT
FOG-0662	Bida Saigon	8078 Kingston Pike Suite 165		Medium	50	none	1		1			1	0		Y			
FOG-0042	Big Bites Pizza & Deli	6404 Asheville Highway	NO	Low	50	none	1		1			1	0					FSF is closed.
FOG-2830	Big Fatty's Catering Kitchen	5005 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-1887	Big Tiny's Grill	6520 Chapman Highway Ste. C	NO	Low	120	none	1		1			1	0					FSF is closed.

PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (lbs.)	Interceptor Size (gallons)	Total Inspections	Initial Inseptions	Routine Inspections	Follow-up Inspections	Installation Inspection	Inspection Letters	NONCs	NOVs	GCE Under Review	GCE Potential Concern	Comments	GCE Installed during 2015
FOG-2804	Bistro at The Bijou	807 S. Gay Street		Unacceptable	140	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3318	Bistro By the Tracks	215 Brookview Center Way		Unacceptable	none	2000	1			1		1	1			Impeded access		
FOG-4838	Blackhorse Pub & Brewery	4429 Kingston Pike		Medium	none	1500	1			1		1	1					
FOG-1424	Bliss Entertainment	116 S. Central Street	NO	Low	30	none	1		1			1	0				FSF is closed.	
FOG-2984	Blue Chips Sports Pub & Grill	7815 Montvue Center Way		Unacceptable	10	none	3			3		3	3		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-1999	Blue Coast Grill & Bar	37 Market Square		High	300	none	3		3			3	0		Y	Insufficient GCE		
FOG-9750	Blue Mason, The	2920 Sutherland Avenue		High	40	none	1			1		1	1					
FOG-10207	Bojangles	2469 University Commons Way		High	none	1500	3	1	1		1	2	0					1,500 gal. GI
FOG-10128	Bojangles'	3813 N. Broadway Street		High	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-3862	Bojangles'	5916 Middlebrook Pike		Medium	none	1500	1			1		1	1					
FOG-5963	Bojangles'	3801 Western Avenue		Medium	none	2000	1	1				1	0					
FOG-2647	Bonefish Grill	6610 Kingston Pike		High	none	1500	1			1		1	1					
FOG-1975	Boyd's Jig and Reel	101 S. Central Street		Unacceptable	150	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3123	Boys & Girls Club of the Tennessee Valley	407 Caswell Avenue		Medium	none	5000	2			1	1	1	1					2,000 gal. GI
FOG-10180	Bradford Catered Events LLC	4409 Greenway Drive		High	none	1500	2	1			1	1	0					1,500 gal. GI
FOG-6315	Bradley's Chocolate Factory	1060 World's Fair Park Drive		Medium	40	none	1		1			1	0					
FOG-2910	Brakebill Nursing Home	5837 Lyons View Pike	NO	Low	none	3000	1		1			1	0				FSF is closed.	
FOG-2924	Bravo's Cucina Italiana	106 Major Reynolds Place		Medium	none	1500	1			1		1	1					
FOG-1290	Brazeiros	6901 Kingston Pike		High	none	1000	1			1		1	1					
FOG-7984	Bread Shed	1322 N. Broadway Street		Medium	200	none	3	1	1		1	2	0					200 lb. GT
FOG-5535	BreadBox #3476	6210 Asheville Hwy	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-0152	BreadBox #44/Naughty Chile Taqueria	5014 Washington Pike		Medium	none	1000	2		1	1		2	1					
FOG-6364	Brenzs Pizza	1705 Cumberland Avenue		Unacceptable	200	none	3	1	1		1	2	0		Y	No flow restrictor		200 lb. GT
FOG-3036	Bridge View Grill	900 Neyland Drive	NO	Low	none	2000	1		1			1	0				FSF is closed.	
FOG-3317	Brixx Pizza	7403 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2272	Broadway Baptist Church	815 N. Broadway Street	NO	Low	none	1500	1		1			1	0				No food production at facility.	
FOG-2645	Broker, The	3434 Martin Luther King, Jr. Boulevard	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-3205	Brookdale Deane Hill	401 Catherine McAuley Way		Medium	none	1000	1		1			1	0					
FOG-9155	Brothers Johnson & Sister BBQ	1518 University Avenue	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-5599	Brown Bag	800 S. Gay Street, Suite P360		Medium	250	none	5		3	2		5	2					
FOG-1222	Bruno's Pizzeria & Grill	6907 Kingston Pike		Medium	200	none	1			1		1	1					
FOG-0639	Bruster's Ice Cream	7670 S. Northshore Drive		Medium	none	1500	1		1			1	0					
FOG-3717	Bucket Head Tavern	8039 Ray Mears Boulevard		High	none	1000	2		1	1		2	1					
FOG-2273	Buddy's Bar B Q Banquet Hall	5806 Kingston Pike		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-2274	Buddy's Bar-B-Q	4500 N. Broadway Street		Medium	none	1000	2			2		2	2					
FOG-2275	Buddy's Bar-B-Q	4401 Chapman Highway		High	none	1500	1		1			1	0					
FOG-2276	Buddy's Bar-B-Q	8402 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2278	Buddy's Bar-B-Q	5806 Kingston Pike		Unacceptable	none	1500	2			2		2	2				One manhole	
FOG-2277	Buddy's Bar-B-Q	3700 Magnolia Avenue		Medium	none	1500	1		1			1	0					
FOG-2279	Buffalo Wild Wings	1912 Cumberland Avenue	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-7152	Burger Fi	1710 Cumberland Avenue		High	none	1000	1			1		1	1					
FOG-2281	Burger King #11722	7206 Region Lane		Medium	none	1500	2		2			2	0					
FOG-2282	Burger King #12141	127 Northshore Drive		High	none	1500	2		2			2	0					
FOG-2285	Burger King #4677	8412 Kingston Pike		High	none	2500	1		1			1	0					
FOG-2287	Burger King #4986	2806 N. Broadway Street		High	none	2000	1			1		1	1					
FOG-2288	Burger King #5346	319 Merchants Road		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2280	Burger King #9233	5310 N. Middlebrook Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2284	Burger King #9679	5316 Millertown Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-6029	Burger Stop, The	3001 Knoxville Center Drive		Medium	40	none	1		1			1	0					
FOG-2537	Burlington Fish Market	108 Fern Street		High	40	none	1		1			1	0					
FOG-2934	Bush Brothers	1016 E. Weisgarber Road		Unacceptable	100	1500	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-5107	Buttermilk Sky Pie Shop	5400 Kingston Pike		Medium	50	none	1		1			1	0					
FOG-10845	C & T Best Soulful Grill	1518 University Avenue	NO	Low	none	1500	1	1				1	0				FSF is closed.	
FOG-3112	Cafe 4	4 Market Square		Medium	none	1300	3		2	1		3	1					
FOG-7190	Café du Soleil	416 W. Clinch Avenue	NO	Low	none	1000	3		2	1		3	1				FSF is closed.	
FOG-3301	Cairo Café / Mirage	718 S. Gay Street	NO	Low	108	none	3		2	1		3	1				FSF is closed.	
FOG-2292	Calhoun's	400 Neyland Drive		Medium	none	2000	1			1		1	1					
FOG-2293	Calhoun's	6515 Kingston Pike		Unacceptable	none	1000	1			1		1	1		Y	Deteriorating Maintenance issues		
FOG-2933	Campus Deli, The	1501 White Avenue	NO	Low	30	none	1		1			1	0				FSF is closed.	
FOG-3320	Canaan Baptist Church	1117 Beaman Lake Road		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2294	Cancun Mexican Restaurant	4409 Chapman Highway, Suite E		Medium	none	3000	1				1	0	0					3,000 gal. GI
FOG-2296	Cancun Mexican Restaurant & Cantina	4829 N. Broadway	NO	Low	none	1500	2		2			2	0				FSF is closed.	
FOG-2349	Cappuccino's/Copper Cellar Restaurant	7316 Kingston Pike		High	none	2000	2		2			2	0					
FOG-2298	Captain D's # 3204	812 Merchants Drive		Medium	none	2000	2			1	1	1	1					2,000 gal. GI
FOG-2299	Captain D's #3205	4320 Chapman Highway		Unacceptable	none	1000	1			1		1	1		Y	One manhole Maintenance issues		
FOG-2300	Captain D's #3406	3121 N. Broadway	NO	Low	none	1000	2		2			2	0				FSF is closed.	
FOG-2301	Cardins Drive-In	8529 Asheville Highway		Medium	40	none	1		1			1	0					
FOG-2302	Carmike Cinemas 10	5020 Millertown Pike		Unacceptable	50	none	2			1		2	1		Y	No flow restrictor		

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FOG-2683	Carousel II	1501 White Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2303	Carter Elementary School	8455 Strawberry Plains Pike		Medium	none	3000	1		1			1	0					
FOG-2304	Carter High School	210 Carter School Road		Medium	none	2000	1		1			1	0					
FOG-2305	Carter Middle School	204 Carter School Road		Medium	none	1500	1		1			1	0					
FOG-3100	Casa Don Gallo	7741 S. Northshore Drive Suite 108		High	none	2500	1			1		1	1					
FOG-5975	Casual Pint #002, The	4842 Harvest Mill Way	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-10506	Casual Pint, The	234 Brookview Centre Way		Unacceptable	40	none	1	1				1	0		Y	No flow restrictor		
FOG-3124	Catholic Charities of East TN	3009 Lake Brook Boulevard		Medium	none	1000	1		1			1	0					
FOG-2319	Central Baptist Church of Bearden	6300 Deane Hill Drive		Unacceptable	120	none	2		1	1		2	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-2318	Central Baptist Church of Fountain City and Early Child Center	5364 N. Broadway Street		Low	none	3000	1		1			1	0					
FOG-3369	Central Flats and Taps	1204 N. Central Avenue		High	50	none	1		1			1	0					
FOG-2659	Central High School	5321 Jacksboro Pike		Medium	none	4000	1		1			1	0					
FOG-2772	Central Park	4417 Western Avenue		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-3153	Central United Methodist Church	201 E. 3rd Avenue		High	none	1000	1		1			1	0					
FOG-2373	Chaiyo's Thai & Sushi	601 James Agee Street		Unacceptable	70	none	2			2		2	2		Y	DW to GT or direct to sewer Maintenance issues		
FOG-4699	Chalmers Grill	513 N. Seventeenth Street	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2321	Chandler's Deli	3101 E. Magnolia Avenue		High	40	none	2		1	1		2	1					
FOG-3225	Chapman Learning Center	5101 Chapman Highway		Unacceptable	30	none	1			1		1	1		Y	No flow restrictor		
FOG-9770	Charley's Grilled Subs	7600 Kingston Pike		Medium	40	none	1			1		1	1					
FOG-1970	Cheddars	5615 Clinton Highway		High	none	3000	3		1	2		3	2					
FOG-3711	Cheddar's	8390 Kingston Pike		High	none	3000	1		1			1	0					
FOG-3868	Cheesecake Factory, The	201 Morrell Road		High	none	1500	3			3		3	3					
FOG-3705	Chef Ben Hibachi & Chinese	5210 N. Broadway Street		Unacceptable	200	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3279	Chepa's Mexican Restaurant	4550 Chapman Highway	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2329	Cherokee Country Club	5138 Lyons View Pike		Medium	none	1000	1		1			1	0					
FOG-3187	Cherokee Health Systems	2018 Western Avenue	NO	Low	none	1500	1					1	0				No food production at facility.	
FOG-2713	Chesapeake's	500 Henley Street		Medium	none	1000	4		2	2		4	2					
FOG-3150	Chez Guevara	8023#4 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-10846	Chick-fil-A	5100 N. Broadway Street		High	none	2000	1	1				1	0					
FOG-2261	Chick-fil-A	800 S. Gay Street	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-2741	Chick-fil-A	7063 Kingston Pike		High	none	1500	1		1			1	0					
FOG-3691	Chick-fil-A	4944 Kingston Pike		High	none	2000	1		1			1	0					
FOG-2742	Chick-fil-A #348	7600 Kingston Pike		Unacceptable	70	none	2		1	1		2	1		Y	Flow restrictor		
FOG-2332	Children's Center of Knoxville	301 Frank Street		Unacceptable	30	none	2			2		2	2		Y	DW to GT or direct to sewer Maintenance issues		
FOG-2794	Chilhowee Elementary School	5005 Asheville Highway		Medium	none	1000	1		1			1	0					
FOG-2904	Chili's	6635 Clinton Highway		Medium	none	1500	1		1			1	0					
FOG-2334	Chili's Restaurant #34	7304 Kingston Pike/The Gallery		Medium	none	1500	1			1		1	1					
FOG-1936	Chipotle Mexican Grill	1701 Cumberland Avenue		Unacceptable	150	none	1			1		1	1		Y	No flow restrictor		
FOG-5416	Chipotle Mexican Grill	7600 Kingston Pike		Medium	200	none	2		1	1		2	1					
FOG-11150	Chocolate Monkey, The	7600 Kingston Pike		High	40	none	1	1				1	0					
FOG-11846	Chocolate Monkey, The	7600 Kingston Pike, Suite 1338		Medium	40	none	1	1				1	0					
FOG-2873	Chop House	4870 Harvest Mill Way		High	none	1500	1		1			1	0					
FOG-2340	Christenberry Elementary School	927 Oglewood Avenue		Unacceptable	none	1000	1			1		1	1		Y	One manhole		
FOG-2341	Chuck E Cheese's #055	8225 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2714	Church Street UMC	900 Henley Street		Unacceptable	190	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-2342	Ci Ci's Pizza	8414 Kingston Pike	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2343	Ci Ci's Pizza	2885 Tazewell Pike	NO	Low	none	1000	2		2			2	0				FSF is closed.	
FOG-2344	Cinnabon	7600 Kingston Pike Suite 1338	NO	Low	40	none	4		1	2	1	3	2				FSF is closed.	40 lb. GT
FOG-1877	City View Baptist Church	2311 Fine Avenue		High	none	1000	1		1			1	0					
FOG-3096	City/County Building Jail Kitchen	400 Main Street		Medium	none	3000	2		2			2	0					
FOG-5582	Clancy's Tavern & Whiskey House	602 S. Gay Street		High	200	none	4		3	1		4	1					
FOG-3217	Clarion Inn	5634 Merchant Center Boulevard		High	50	none	1			1		1	1					
FOG-3269	Clinton Chapel AME Zion Church	546 College Street	NO	Low	none	none	1		1			1	0		Y			
FOG-11333	Club House, The / Amvets Post 175	4101 Bruhin Road		Unacceptable	14	none	2	1		1		2	1		Y	Insufficient GCE No flow restrictor Maintenance issues		
FOG-2639	Club Leconte	800 S. Gay Street		High	200	none	4		3	1		4	1					
FOG-6318	Club Rio Knox	3810 Chapman Hwy	NO	Low	50	none	1	1				1	0				FSF is closed.	
FOG-2331	Coffee & Chocolate	327 Union Avenue		Medium	8	none	3			3		3	3					
FOG-2360	Coffee Cup Café	4700 Holston Drive	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-3275	College Hill Seventh Day Adventist Church	1837 Brandau Street	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2346	Colonel's Delicatessen	4809 Newcom Avenue	NO	Low	8	none	1			1		1	1				FSF is closed.	
FOG-5533	Comfort Suites	5466 Central Avenue Pike		Medium	40	none	3			2	1	2	2					40 lb. GT
FOG-3224	Comfort Suites Hotel	7230 Region Lane		Unacceptable	20	none	2			2		2	2		Y	No flow restrictor		
FOG-3313	Continuum Courtyard	815 E. Inskip Drive		Medium	none	1000	1		1			1	0					
FOG-4090	Continuum Courtyard	1029 W. Parkway Avenue		Medium	none	1000	1		1			1	0					
FOG-4697	Continuum Courtyard	801 E. Inskip Road		Medium	none	1500	1		1			1	0					
FOG-1948	Cook Out	6920 Kingston Pike		High	none	1000	2			2		2	2					
FOG-1947	Cook Out/Cumberland	2135 Cumberland Avenue		High	none	1000	1			1		1	1					
FOG-2348	Cool Beans Bar & Grill	1817 Lake Avenue		Medium	none	1000	1		1			1	0					

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FOG-3303	Coolato Gelato Italian Ice	524 S. Gay Street Suite 101		High	none	6500	3		1	2		3	2					
FOG-8830	Coop Café	3701 Sutherland Avenue		Unacceptable	40	none	2			2		2	2		Y	No flow restrictor		
FOG-2682	Copper Cellar / Cumberland Grill #101	1807 Cumberland Avenue		High	none	2000	1		1			1	0					
FOG-2932	Copper Cellar Commissary	3001 East Industrial Parkway		High	none	1000	1			1		1	1					
FOG-3169	Corner Market	1102 Maryville Pike	NO	Low	50	none	2		2			2	0				FSF is closed.	
FOG-3000	Court South/ National Fitness Ctr.	2934 Alcoa Highway		Unacceptable	48	none	2			2		2	2		Y	No flow restrictor Insufficient GCE Maintenance issues		
FOG-3250	Court South/National Fitness	5621 Merchant Drive		Unacceptable	40	none	1			1		1	1		Y	No flow restrictor		
FOG-4702	Courtyard by Marriott	250 Brookview Centre Way		Medium	none	1500	1		1			1	0					
FOG-2865	Cracker Barrel # 546	2920 South Mall Road		Medium	none	2000	1			1		1	1					
FOG-2355	Cracker Barrel #12	5001 Central Avenue Pike		High	none	3000	1			1		1	1					
FOG-2356	Cracker Barrel #170	1510 Cracker Barrel Lane		High	none	1500	2		2			2	0					
FOG-10545	Crafty Bastard Brewery Co.	6 Emory Place	NO	Low	none	none	1		1			1	0				No food production.	
FOG-2970	Cross Ministries	7423 Ball Camp Pike		Low	none	1000	1			1		1	1					
FOG-3080	Crown & Goose Pub, The	123 S. Central Street		Medium	none	1500	1		1			1	0					
FOG-3011	Crowne Plaza Hotel	401 W. Summit Hill Drive		Unacceptable	100	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-7712	Cru Bistro	141 S. Gay Street		Unacceptable	200	none	4			4		4	4		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-2157	Cueva Bar	3101 Sutherland Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-3035	Cumberland House Hotel	1109 White Avenue		High	none	3000	1		1			1	0					
FOG-3133	Cupcakery, The	5508 Kingston Pike Suite 180	NO	Low	50	none	1			1		1	1				FSF is closed.	
FOG-2965	Dairy Queen	2520 Loves Creek Road	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-3277	Dalawah Hut African Shop	1937 Magnolia Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-12216	Daniels, The	118 W. Jackson Avenue		Low	none	2000	1				1	0	0					2,000 gal. GI
FOG-3716	Dave's Dog House #2	7409 Middlebrook Pike		Medium	40	none	1		1			1	0					
FOG-3025	DaVinci's Pizza	113 S. Central Street		Unacceptable	40	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-3292	DaVinci's Pizza	3337 Sutherland Avenue	NO	Low	none	2000	1		1			1	0				FSF is closed.	
FOG-3195	Days Inn	5423 Asheville Highway	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3218	Days Inn	5335 Central Avenue Pike	NO	Low	none	none	1		1			1	0		Y			
FOG-3311	Dazzo's Pizza	710 S. Gay Street		Unacceptable	150	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3290	Dead End BBQ	3621 Sutherland Avenue		Medium	none	1500	1		1			1	0					
FOG-9224	Dean's Restaurant	4721 Old Broadway		High	none	2000	1	1				1	0					
FOG-3331	Del Potosi Bakery Inc.	3709 Chapman Highway	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-9469	Deliverance Ministries Worship Center	8310 Asheville Highway	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2361	Denton's Orange Drink	6914 Kingston Pike		Unacceptable	none	1000	2			2		2	2		Y	One manhole Maintenance issues		
FOG-1937	Diamond Mobile Carwash & Deli	2908 E. Magnolia Avenue		Medium	none	1000	2		1	1		2	1					
FOG-2722	Dippin Donuts	7044 Kingston Pike		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-9957	Dirty Shirts Tavern	5712 Kingston Pike	NO	Low	none	none	2		2			2	0				FSF is closed.	
FOG-2363	Dixon's Bar B Que	1201 E Magnolia Avenue	NO	Low	40	none	1			1		1	1				FSF is closed.	
FOG-2823	Doan's Market & Deli	2539 Cecil Avenue		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-5105	Doc's All American Grille	7355 Kingston Pike	NO	Low	none	1000	2			2		2	2				FSF is closed.	
FOG-2364	Dogwood Elementary School	705 Tipton Avenue		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-3863	Domino's	412 Merchants Drive		Medium	none	1000	1		1			1	0					
FOG-2995	Domino's	2104-2 Cumberland Avenue		High	40	none	2		1	1		2	1					
FOG-3160	Domino's	7419 Middlebrook Pike		Medium	none	1500	1			1		1	1					
FOG-5138	Domino's Pizza	3613 Sutherland Avenue		High	none	1000	1			1		1	1					
FOG-2887	Domino's Pizza	5420 Pleasant Ridge Road	NO	Low	30	none	1		1			1	0				FSF is closed.	
FOG-3060	Domino's Pizza	7527 S. Northshore Drive		High	70	none	1		1			1	0					
FOG-3514	Domino's Pizza	6402 Asheville Highway		Medium	none	1500	1		1			1	0					
FOG-2365	Domino's Pizza #5466	900 N. Broadway		Unacceptable	100	none	3			2	1	2	2		Y	No flow restrictor Maintenance issues		100 lb. GT
FOG-2307	Don Pablo's	2916 Knoxville Center Drive		Medium	none	2500	1			1		1	1					
FOG-2009	Doodles	5000 Clinton Highway	NO	Low	500	none	1		1			1	0				FSF is closed.	
FOG-2863	Downtown Grill & Brewery	424 S. Gay Street		Medium	none	1500	4		2	1	1	3	1					1,500 gal. GI
FOG-3014	Downtown Grind	418 S. Gay Street		Unacceptable	30	none	4			4		4	4		Y	Insufficient GCE Maintenance issues		
FOG-3055	Duncan Cafe/ Duncan Building	710 S. Locust Street		Medium	70	none	3		3			3	0					
FOG-3251	Dunkin' Donuts	7114 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-9803	Dunkin' Donuts	2800 Chapman Hwy		Medium	none	1000	1	1				1	0					
FOG-2309	Dynasty Wok Express/ Fountain City	4911 N. Broadway		High	40	none	2			2		2	2					
FOG-3142	E. Anderson Market	325 E. Anderson Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-1868	E. M. Jellinek Center	130 Hinton Avenue		Medium	none	1000	1		1			1	0					
FOG-3265	Earthfare #405	140 N. Forest Park Boulevard		Medium	none	1500	1		1			1	0					
FOG-2636	East Knox Elementary School	9315 Rutledge Pike		Medium	none	1500	1		1			1	0					
FOG-2967	East Tennessee Children's Hospital	2018 Clinch Avenue		Medium	none	4500	1			1		1	1					
FOG-2366	East TN Regional Juvenile Service Ctr.	3321 Division Street		High	none	1500	2			2		2	2					
FOG-3264	Echo Bistro & Wine	5803 Kingston Pike		Medium	none	1000	2		2			2	0					
FOG-2367	Echo Ridge Retirement	8458 Gleason Road		Medium	none	1000	2		1	1		2	1					

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FOG-3241	Econo Lodge	7424 Strawberry Plains Pike		Unacceptable	none	none	2	1	1			2	0		Y	DW to GT or direct to sewer		
FOG-3619	Econo Lodge	5505 Merchant Center Blvd.	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-6065	Egg and I, The	5018 Kingston Pike		High	none	2500	1			1		1	1					
FOG-5083	El Burro Flojo	8079 Kingston Pike		Medium	none	1000	2		2			2	0					
FOG-4095	El Cazador Mexican Restaurant	6409 Chapman Highway	NO	Low	50	none	1			1		1	1				FSF is closed.	
FOG-2368	El Charro	6502 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-2672	El Chico Restaurant #1	116 Cedar Lane		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-10847	El Girasol	4823 Newcom Avenue		Medium	100	none	3	1	2			3	0		Y			
FOG-3158	El Mezcal Mexican Restaurant	118 N. Forest Park Boulevard		Medium	none	2000	2			1	1	1	1					2,000 gal. GI
FOG-6911	El Pulpo Loco	2909 Alcoa Highway	NO	Medium	50	none	1			1		1	1		Y			
FOG-5276	El Rincon	4705 Central Avenue Pike	NO	Low	40	none	1			1		1	1				FSF is closed.	
FOG-2959	Elmcroft of West Knoxville	8024 Gleason Road		Medium	none	1500	3		2	1		3	1					
FOG-9990	Emerald Academy	220 Carrick Street		Medium	none	2500	2	1			1	1	0					2,500 gal. GI
FOG-4982	Empire Deli	625 S. Gay Street, Suite 140		Medium	40	none	4		2	2		4	2					
FOG-4701	Empty Cup, The	4525 Kingston Pike	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2833	Entertainer Catering, The	1209 Heiskell Avenue		Unacceptable	150	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-3267	Eternal Life Harvest Center	1801 Western Avenue	NO	Low	none	none	1		1			1	0		Y			
FOG-3129	Eternal Life's Restoration Outreach	2410 Martin Luther King Avenue		Medium	none	1000	1		1			1	0					
FOG-3524	Exotic Night Club	315 Mohican Street	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-11085	EZ Food Mart	2310 E. Magnolia Avenue		Medium	40	none	3	1	2			3	0					
FOG-4110	EZ Food Mart	2310 E. Magnolia Avenue	NO	Low	50	none	1		1			1	0				FSF changed ownership.	
FOG-3002	Fair Garden Elementary School	400 Fern Street		High	none	500	1			1		1	1					
FOG-2371	Fairfield Inn & Suites Marriott	1551 Cracker Barrel Lane		Low	none	none	1		1			1	0		Y	Insufficient GCE		
FOG-5602	Faith Full Gospel Church	1108 Beaumont Avenue	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-9234	Family Market & Deli	1103 Tennessee Avenue	NO	Low	40	none	2		1	1		2	1				FSF changed ownership.	
FOG-10947	Farm Life Café (Ford Dealership) (Archive)	4101 Clinton Highway	NO	Low	74	none	2		1	1		2	1				FSF is closed.	
FOG-10736	Fat Katz Bar & Grill	2917 Tazewell Pike		Medium	14	none	1	1				1	0		Y			
FOG-2885	Fats BBQ	2701 Whittle Springs Road	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-10063	Fieldhouse Social	2525 University Commons Way		Medium	none	1500	3	1	1		1	2	0					1,500 gal. GI
FOG-3012	Fifth Avenue Baptist Church	2500 E. Fifth Avenue		Medium	100	none	1			1		1	1					
FOG-3092	Firehouse Subs	128 Buckingham Drive		High	40	none	1			1		1	1					
FOG-2734	Firehouse Subs #191	1708 Cumberland Avenue		Medium	70	none	2		1	1		2	1					
FOG-3020	Firehouse Subs #314	5226 N. Broadway Street		Medium	none	1500	1		1			1	0					
FOG-3309	Firehouse Subs #499	4916 Kingston Pike Suite B		Unacceptable	50	none	1			1		1	1		Y	No flow restrictor		
FOG-3801	Firehouse Subs #788	4419 Western Avenue #101		Medium	100	none	1		1			1	0					
FOG-9610	First Baptist Church	510 W. Main Street		Medium	none	1500	2	1			1	1	0					1,500 gal. GI
FOG-3022	First Christian Church	3108 Basswood Road		High	none	none	1		1			1	0		Y			
FOG-3299	First Lutheran Church & School	1207 N. Broadway		Unacceptable	20	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-2375	First Step II Inc. Young Adventurers	520 Sevier Avenue		Medium	40	none	1		1			1	0					
FOG-3215	First Steps II	4605 Old Broadway	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3257	First United Methodist Church	3316 Kingston Pike		Unacceptable	140	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-9551	Five Bar	430 S. Gay Street		High	none	1000	3	1	1	1		3	1					
FOG-0638	Five Guys Burgers	234 Brookview Centre Way		High	none	1500	1		1			1	0					
FOG-2377	Florence Crittenton Agency, Inc.	1531 Dick Lonas Road		Medium	none	1500	1		1			1	0					
FOG-3374	Flour Head Bakery	5424 Middlebrook Pike		Unacceptable	20	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-8704	Flow: A Brew Parlor	603 W. Main Street, Suite 102		High	40	none	6	1	2	2	1	5	2					40 lb. GT
FOG-2752	Food City # 677	5078 Clinton Highway		Medium	none	1500	1		1			1	0					
FOG-2747	Food City #655	7510 Asheville Highway		Medium	none	1000	1		1			1	0					
FOG-2751	Food City #673	4216 N. Broadway Street		High	none	1000	2		1	1		2	1					
FOG-2818	Food City #674	5941 Kingston Pike		Medium	none	1000	2		2			2	0					
FOG-2993	Food City #676	1950 Western Avenue		High	none	1500	1			1		1	1					
FOG-2882	Food City #678	5801 Western Avenue		High	none	1500	1		1			1	0					
FOG-2819	Food City #685	4805 N. Broadway Street		High	none	2500	1			1		1	1					
FOG-5331	Food City #694	284 Morrell Road		Medium	none	1000	1		1			1	0					
FOG-2447	Food City/Loves Creek	2712 Loves Creek Road		High	none	1000	1			1		1	1					
FOG-2613	Food Lion	4728 Centerline Drive	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2935	Food Lion #1545	6221 Riverview Crossing Drive	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2999	Fort Sanders Educational Elementary	501 S. 21st Street		Medium	50	none	1		1			1	0					
FOG-2745	Fort Sanders Hospital	1901 Clinch Avenue		High	none	1500	1			1		1	1					
FOG-9900	Foundry on the Fair Site	747 World's Fair Park Drive		Unacceptable	28	none	1	1				1	0		Y	DW on GT or direct to sewer No flow restrictor		
FOG-2380	Fountain City Creamery	114 Hotel Avenue		High	30	none	1			1		1	1					
FOG-2463	Fountain City Diner	3029 Tazewell Pike		Medium	none	1000	1		1			1	0					
FOG-2801	Fountain City Elementary School	2910 Montbelle Drive		Medium	none	1000	1		1			1	0					
FOG-3214	Fountain City Pres. Church & Childcare	500 Hotel Road		Medium	none	1500	1			1		1	1					
FOG-3213	Fountain City UM Church	212 Hotel Road		High	none	1500	1			1		1	1					
FOG-9601	Fraternal Order of Eagles #2698	203 Walnut Street		Medium	100	none	2	1	1			2	0					
FOG-2333	Freedom Christian Academy	4615 Asheville Highway		Unacceptable	none	1000	2			2		2	2		Y	One manhole		
FOG-3302	French Market, The	526 S. Gay Street		Medium	40	none	4		3	1		4	1					
FOG-3048	Fresh Market, The	4475 Kingston Pike		Medium	none	1500	1		1			1	0					

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FOG-3090	Fresh Mart & Deli	2418 N. Central Street		Unacceptable	40	none	1			1		1	1		Y	No flow restrictor Maintenance issues		
FOG-9213	Fresh To Order	2421 University Commons Way		High	none	1500	2	1	1			2	0					
FOG-1943	Froyoz	6631 Clinton Highway		High	40	none	1			1		1	1					
FOG-3330	Froyoz	5228 N. Broadway		High	none	1500	1		1			1	0					
FOG-1891	Froyoz	124 N. Forest Park Boulevard	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2386	Frussies Deli	133 Moody Avenue	NO	Low	8	none	1			1		1	1				FSF is closed.	
FOG-10780	Frussie's Deli & Bakery	722 S. Gay Street		Unacceptable	40	none	3	1	2			3	0		Y	Insufficient GCE Maintenance issues		
FOG-5274	FU House	4421 Western Avenue Suite 102		High	none	1500	1		1			1	0					
FOG-10246	Fulin's Asian Cuisine	120 Merchants Drive		Medium	none	2000	3	1	2			3	0					
FOG-10249	Full Service BBQ	104 Cedar Lane		Unacceptable	none	1000	2	1	1			2	0		Y	One manhole Maintenance issues		
FOG-2387	Fulton High School	2509 Broadway, N.E.		Unacceptable	none	1000	1		1			1	0		Y	One manhole GCE malfunction		
FOG-5305	Fuse Church & Sports Plex	1501 Kirby Rd	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3171	Future Generation Learning Center	1310 Hollywood Road	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3009	Garrett's Downtown Deli	800 S. Gay Street		Medium	40	none	3		3			3	0					
FOG-2507	Gatti's Pizza	6909 Kingston Pike		Unacceptable	40	none	3			3		3	3	1	Y	DW to GT or direct to sewer No flow restrictor		
FOG-3505	Gavino's	5211 Kingston Pike		Medium	none	1000	1			1		1	1					
FOG-2464	Gino's Pizza & Subs	7328 Middlebrook Pike		Unacceptable	20	none	2			2		2	2		Y	No flow restrictor Maintenance issues		
FOG-1723	Goal Post Tavern	1824 Cumberland Avenue		Medium	none	1500	1		1			1	0					
FOG-2429	Golden Garden Chinese Restaurant	5737 Western Avenue		Medium	40	none	1			1		1	1					
FOG-10237	Golden Roast	825 Melrose Place		Medium	200	none	3	1	2			3	0					
FOG-2925	Golden Wok	7116 Strawberry Plains Pike		Unacceptable	none	800	1			1		1	1		Y	One manhole Maintenance issues Impeded access		
FOG-8707	Goodness To Go	7664 S. Northshore Drive		Medium	100	none	2			2		2	2					
FOG-3065	Gordo's Catering	3009 N. Central Street		Unacceptable	40	none	1			1		1	1		Y	No flow restrictor		
FOG-1274	Gosh Ethiopian Restaurant	3609 Sutherland Avenue		Medium	50	none	1			1		1	1					
FOG-9205	GPT Annex	1820 Cumberland Avenue		Medium	200	none	2		1	1		2	1					
FOG-0024	Granny Bea's	3801 Western Avenue	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2508	Great American Cookie Company	3001 Knoxville Center Drive		High	14	none	1			1		1	1					
FOG-2432	Great American Cookies	7600 Kingston Pike #70		High	40	none	2		2			2	2					
FOG-2841	Green Magnet Math and Science Academy	800 Townview Drive		Medium	none	1500	1			1		1	1					
FOG-2391	Gresham Middle School	500 Gresham Road		Medium	none	1000	1			1		1	1					
FOG-1899	Grill At Highland Row, The	4705 Old Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-6089	Gunny's Bar and Grill	6547 Chapman Highway	NO	Low	8	none	1			1		1	1				FSF is closed.	
FOG-2744	Gus's Good Time Deli	815 Melrose Place		High	200	none	2		1	1		2	1					
FOG-5096	Gyrene Burger	1927 Cumberland Avenue	NO	Low	140	none	1		1			1	0				FSF is closed.	
FOG-3707	Habaneros	4704 Asheville Highway		Medium	none	1500	1		1			1	0					
FOG-2582	Half Barrel	1829 Cumberland Avenue		Medium	none	1000	1		1			1	0					
FOG-2393	Ham 'N' Goodys, Inc.	314 Northshore Drive		Unacceptable	40	none	2		1	1		2	1		Y	DW to GT or direct to sewer Maintenance issues		
FOG-3230	Hampton Inn	7445 Sawyer Lane		High	20	none	2			2		2	2					
FOG-3149	Hampton Inn & Suites	5411 Pratt Road		Medium	none	1500	1		1			1	0					
FOG-9041	Hampton Inn & Suites	601 N. Weisgarber Road		Medium	none	1500	1	1				1	0					
FOG-9531	Hampton Inn & Suites	618 W. Main Street		High	none	1000	3		2	1		3	1					
FOG-2763	Handy Dandy Market #5	3215 S. Haven Road		High	40	none	1		1			1	0					
FOG-9760	Hanna's Café	1836 Cumberland Avenue		Unacceptable	34	none	2			2		2	2		Y	No flow restrictor Insufficient GCE Maintenance issues		
FOG-2328	Happy Garden Chinese	1510 N. Cherry Street		Unacceptable	none	1000	2			2		2	2		Y	One manhole Maintenance issues		
FOG-2394	Harby's Pizza & Deli	3718 Walker Boulevard		Unacceptable	30	none	2			2		2	2		Y	No flow restrictor Maintenance issues		
FOG-3305	Hard Knox Pizza	4437 Kingston Pike	NO	Low	50	none	1			1		1	1				FSF changed ownership.	
FOG-11951	Hard Knox Pizza	4437 Kingston Pike		Unacceptable	50	none	2		2			2	0		Y	DW to GT or direct to sewer Maintenance issues		
FOG-2435	Hardee's	3926 Asheville Highway		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2688	Hardee's #1501786	2919 Tazewell Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2395	Hardee's #1501798	3318 Chapman Highway		Unacceptable	none	1000	2			2		2	2		Y	One manhole Maintenance issues		
FOG-2396	Hardee's #1501829	2930 Alcoa Highway		High	none	2000	2			2		2	2					
FOG-2397	Hardee's #1501837	3718 Western Avenue		Medium	none	1000	1		1			1	0					
FOG-2685	Hardee's Restaurant #1505560	7201 Kingston Pike		High	none	1500	1		1			1	0					
FOG-0147	Head Start-Claxton West	2400 Piedmont Street		Unacceptable	none	1000	2			2		2	2		Y	One manhole GCE malfunction		
FOG-2310	Head Start-Kiwanis-East II	2330 Prosser Road		Medium	none	1000	1		1			1	0					
FOG-3212	Head Start-Northridge	1008 Breda Drive		Medium	none	1500	2		2			2	0					
FOG-3044	Head Start-Prospect	4808 Prospect Rd		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-3802	Head Start-Western LTR	2247 Western Avenue		Medium	none	1500	1				1	0	0					1,500 gal. GI
FOG-10690	Health Factory, The	2900 Alcoa Highway		Medium	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-3146	Helen Ross McNabb	3006 Lake Brook Boulevard		Unacceptable	none	1000	1			1		1	1				One manhole	

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FOG-2803	Hemphill's Market & Deli	2549 Holbrook Drive		Unacceptable	8	none	1			1		1	1		Y	No flow restrictor		
FOG-2762	Heritage Assisted Living	1585 Coleman Road		Unacceptable	none	1000	1			1		1	1		Y	One manhole		
FOG-7297	Heritage Café	400 Main Street		Medium	20	none	3		3			3	0					
FOG-2436	Hibachi Factory	1645 Downtown West Boulevard #9		Medium	60	none	1			1		1	1					
FOG-2684	Hibachi Factory	1815 Cumberland Avenue		Medium	40	none	2		2			2	0					
FOG-3163	Hill Restaurant, The	1105 Forest Avenue		High	none	1500	1		1			1	0					
FOG-2906	Hillcrest Health Care North	5325 Beverly Park Circle		Medium	none	2000	1		1			1	0					
FOG-2911	Hillcrest West	6801 Middlebrook Pike		High	none	1500	1		1			1	0					
FOG-4126	Hilltop Vineyard, The	6535 Kingston Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-6914	Hilton	501 W. Church Avenue		Unacceptable	400	none	1			1		1	1		Y	DW to GT or direct to sewer Maintenance issues		
FOG-5088	Hilton Garden Inn	1706 Cumberland Avenue		High	none	2000	1		1			1	0					
FOG-2809	Holiday Inn - Worlds Fair Park	525 Henley Street		Unacceptable	190	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-3242	Holiday Inn Express	730 Rufus Graham Road		High	100	none	2		1	1		2	1					
FOG-5114	Holiday Inn Express	6324 Papermill Drive		Unacceptable	75	none	1			1		1	1		Y	GCE malfunction No flow restrictor		
FOG-9866	Holland's	3017 E. Magnolia Avenue	NO	Low	none	none	1	1				1	0				FSF is closed.	
FOG-7682	Holly's 135	135 S. Gay Street		Unacceptable	50	none	3			3		3	3		Y	DW to GT or direct to sewer No flow restrictor		
FOG-7987	Holly's Corner	842 N. Central Street		High	40	none	3	1	1		1	2	0					40 lb. GT
FOG-0631	Holly's Eventful Dining	5032 Whitaker Avenue		Unacceptable	40	1500	1			1		1	1		Y	No flow restrictor Maintenance issues		
FOG-2909	Holston Healthcare	3916 Boyds Bridge Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2787	Holston Hills Country Club	5200 Holston Hills Road		High	none	1500	1			1		1	1					
FOG-2795	Holston Middle School	600 Chilhowee Drive		Medium	none	1500	1		1			1	0					
FOG-3297	Holy Ghost Catholic Church	1041 N. Central Street		Unacceptable	100	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3016	Holy Land Market	3601 Sutherland Avenue		Medium	50	none	1		1			1	0					
FOG-2764	Honey Baked Ham #2	5308 Washington Pike		Medium	none	1500	1		1			1	0					
FOG-2439	Honey Baked Ham Company	7205 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-2731	Hooter's #2	5005 Central Avenue Pike		High	none	1500	1		1			1	0		Y			
FOG-2399	Hooter's Restaurant	8050 Kingston Pike		High	none	1000	2		1	1		2	1		Y			
FOG-4974	Hops and Hollers	931 N. Central Street	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2783	Hot Bagel Company	800 Market Street	NO	Low	20	none	3		1	2		3	2				FSF is closed.	
FOG-2400	House Of Dragon	1907 Cumberland Avenue		Unacceptable	120	none	3			3		3	3		Y	Insufficient GCE No flow restrictor Maintenance issues		
FOG-2981	House of Thaller	1600 Harris Road		Medium	none	3000	2		1	1		2	1					
FOG-5641	Hype Energy	2112 Cumberland Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-9043	I Love Juice Bar	4801 Kingston Pike		High	40	none	1			1		1	1					
FOG-2972	I Love NY Pizza	6518 Chapman Highway	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-7104	Ian's Market	2520 Loves Creek Road	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-4428	Ian's Market #34	2001 Cumberland Avenue		Medium	40	none	2		1	1		2	1					
FOG-10674	Ian's Market #42	115 Seventeenth Street		Unacceptable	20	none	2			2		2	2		Y	Insufficient GCE No flow restrictor Maintenance issues		
FOG-3200	Ice-Chalet	100 Lebanon Road	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-7983	Ichiban Asian Bistro	7507 Northshore Drive		Medium	none	2000	1	1				1	0					
FOG-3684	Icon Ultra Lounge	810 Clinch Avenue, 5th floor		High	50	none	1			1		1	1					
FOG-9169	Ijams Nature Center	2915 Island Home Avenue		High	14	none	1			1		1	1					
FOG-9620	Immaculate Conception Catholic	414 W. Vine Avenue		Medium	none	1500	1				1	0	0					1,500 gal. GI
FOG-4703	India Cuisine	1645 Downtown West Boulevard Suite 25		Medium	none	1500	1		1			1	0					
FOG-4124	Indu-Sai, LLC	5328 Pleasant Ridge Rd.	NO	Low	40	none	1		1			1	0				FSF changed ownership.	
FOG-9195	Indu-Sai, LLC	2800 E. Governor John Sevier Highway		Medium	40	none	3			3		3	3					
FOG-2955	Ingles #307	215 Cedar Lane		Medium	none	1000	1		1			1	0					
FOG-2673	Inskip Elementary School	4701 High School Street		Medium	none	1000	1		1			1	0					
FOG-0453	Inskip Grill	101 E. Inskip Road		Unacceptable	30	none	1			1		1	1		Y	Insufficient GCE No flow restrictor		
FOG-5658	Inskip Market & Deli	400 E. Inskip Drive		Medium	40	none	1		1			1	0					
FOG-6335	Insomnia Cookies	2121 Cumberland Avenue Suite 103		High	100	none	1			1		1	1					
FOG-2655	International House of Pancakes	7128 Kingston Pike		High	none	2000	1		1			1	1					
FOG-2662	International House of Pancakes #1	5604 Merchants Drive		Unacceptable	none	1000	1		1			1	1				One manhole	
FOG-2404	Isabella Towers	1515 Isabella Circle	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-4832	Island Home Park Health and Rehab	1758 Hillwood Avenue		High	none	1500	1			1		1	1					
FOG-1874	J&D's Soul Food	1908 Schofield Street	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-5804	Jack n' Diane's	1901 Cumberland Avenue	NO	Low	200	none	1		1			1	0				FSF is closed.	
FOG-10818	Jackie's Dream	2223 McCalla Avenue		Unacceptable	40	none	2	1	1			2	0		Y	No flow restrictor		
FOG-9066	Jackson Avenue Market	200 W. Jackson Avenue		Medium	50	none	1	1				1	0					
FOG-3186	Jacob's Building	3301 E. Magnolia Avenue	NO	Low	none	none	1		1			1	0		Y			
FOG-2664	Jacob's Time-Out Deli	5307 Middlebrook Pike		Medium	30	none	1			1		1	1					
FOG-5091	Jai Dee Thai & Japanese Cuisine	823 Melrose Place		Unacceptable	100	none	1			1		1	1		Y	DW to GT or direct to sewer Maintenance issues		

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FOG-9947	Jarman's	3229 E. Magnolia Avenue		Unacceptable	30	none	1	1				1	0		Y	Insufficient GCE No flow restrictor Maintenance issues		
FOG-0651	Jason's Deli	2120 Cumberland Avenue		High	none	1500	1		1			1	0					
FOG-2405	Jason's Grill & Deli	900 Kermit Drive	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-9665	JC Penney Bldg FOUR FSFs	416 S. Gay Street		Medium	none	6000	1				1	0	0					6,000 gal. GI
FOG-5011	Jersey Mike's Subs	4839 Kingston Pike		Medium	200	none	1			1		1	1					
FOG-7109	Jersey Mike's Subs need to inspect	2415 University Commons Way		Unacceptable	200	none	1	1				1	0		Y	No flow restrictor		
FOG-3306	Jets Pizza	7331 Kingston Pike		Medium	100	none	1		1			1	0					
FOG-9713	Jet's Pizza	4943 Millertown Pike		Unacceptable	200	none	2	1			1	1	0		Y	No flow restrictor		200 lb. GT
FOG-10924	Jimmy John's Gourmet Sandwiches	5525 Clinton Highway		Unacceptable	50	none	1			1		1	1		Y	No flow restrictor		
FOG-2944	Jimmy John's Gourmet Sandwiches	1903 Cumberland Avenue		Unacceptable	50	none	2			1	1	1	1		Y	No flow restrictor		100 lb. GT
FOG-3793	Jimmy John's Gourmet Sandwiches	5525 Clinton Hwy.	NO	Low	50	none	1			1		1	1				FSF changed ownership.	
FOG-9240	Jimmy John's Gourmet Sandwiches	6718 Papermill Drive		High	none	1500	2	1			1	1	0					1,500 gal. GI
FOG-2874	Jimmy's Original Southern Pub	2917 Tazewell Pike	NO	Low	14	none	1			1		1	1				FSF is closed.	
FOG-2409	John T. O'Connor Senior Citizens Center	611 Winona Street	NO	Low	40	none	1			1		1	1				No food production at facility.	
FOG-1905	Jolly's Sports Bar	3005 Alcoa Highway	NO	Low	none	none	1		1			1	0		Y			
FOG-6972	Junction 33	7428 S. Northshore Drive	NO	Low	none	1000	1			1		1	1				FSF is closed.	
FOG-10229	Just Ripe Market	513 Union Avenue		High	50	none	3	1	1	1		3	1					
FOG-5554	K Brew	1138 N. Broadway Street		Medium	40	none	2		1		1	1	0					40 lb. GT
FOG-2416	Kaya Korean Restaurant	7818 Montvue Center Way		Unacceptable	10	none	4			4		4	4		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-2415	Kay's Ice Cream	6200 Chapman Highway		High	30	none	2			2		2	2					
FOG-8808	Keith Avenue Market & Deli	2234 Keith Avenue		Medium	100	none	4	2	1		1	3	0					100 lb. GT
FOG-2969	Kenjo Market #11	1400 N. Central Avenue		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-3188	Kenjo Market #12	3644 Sevierville Pike		High	30	none	1			1		1	1					
FOG-10512	Kenjo Market #22	7406 Strawberry Plains Pike		Medium	60	none	2	1	1			2	0					
FOG-2954	Kenjo Market #30	6519 Chapman Highway	NO	Low	8	none	1		1			1	0				No food production at facility.	
FOG-2215	Kenjo Market #31	3120 Chapman Highway		High	8	none	1			1		1	1					
FOG-2711	KFC	1030 Shumard Road		Medium	none	1000	3		2	1		3	1					
FOG-2707	KFC	2456 E. Magnolia Avenue	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2709	KFC #60	2918 N. Broadway Street		High	none	1000	1		1			1	0					
FOG-2706	KFC #62	4200 Chapman Highway		High	none	1500	1			1		1	1					
FOG-2708	KFC #68	4415 Western Avenue		Medium	none	1500	2		1	1		2	1					
FOG-2710	KFC#66	5266 Millertown Pike		Medium	none	1000	1		1			1	0					
FOG-3108	Kichi Sushi & Noodle	7600 Kingston Pike, Suite 1328		Medium	50	none	1			1		1	1					
FOG-3194	Kids Place-Camp	9140 Millertown Pike		High	30	none	1			1		1	1					
FOG-5103	Kimmies Kitchen	5103 Kingston Pike		Unacceptable	30	none	1			1		1	1		Y	Insufficient GCE No flow restrictor		
FOG-2907	Kindred/North Haven Nursing and Rehabilitation	3300 N. Broadway		Medium	none	1500	1			1		1	1					
FOG-2417	King Tut's Grill	4132 Martin Mill Pike		High	20	none	2			2		2	2					
FOG-2646	Kitts Market Café	4620 Greenway Drive	NO	Low	none	1500	3			3		3	3				FSF is closed.	
FOG-11436	Kiwanis Fresh Air Camp	2400 Prosser Road	NO	Unacceptable	none	1000	1	1				1	0		Y	One manhole		
FOG-0039	Knotheads Café and Deli	8534 Asheville Highway	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2983	Knox Area Rescue Ministries	418 N. Broadway Street		High	none	1500	1		1			1	0					
FOG-2963	Knox Co. Detention Ctr.	5001 Maloneyville Road		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-9063	Knox Mason	131 S. Gay Street		High	none	1500	4		2	2		4	2					
FOG-2306	Knoxville Adaptive Education Ctr	5719 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2899	Knoxville Billiards	3920 Chapman Highway		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor Insufficient GCE		
FOG-2418	Knoxville Center Mall	3001 Knoxville Center Drive		Unacceptable	none	1500	1		1			1	0				One manhole	
FOG-2214	Knoxville Chinese Christian Church	901 Francis Road		Medium	none	1000	1			1		1	1					
FOG-2831	Knoxville Civic Coliseum	500 Howard Baker Jr. Avenue		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-2421	Knoxville College Cafeteria	901 College Street	NO	Low	100	none	1		1			1	0				FSF is closed.	
FOG-2422	Knoxville Convention Ctr	701 Henley Street		High	60	3000	2			2		2	2					
FOG-2423	Knoxville Elks Lodge #160	5600 Lonas Road		Medium	none	1500	1		1			1	0					
FOG-2402	Knoxville Expo Center	5441 Clinton Highway		High	80	1500	2		1			2	1					
FOG-2807	Knoxville Golf Course	3925 Schaad Road		Medium	30	none	1			1		1	1					
FOG-7091	Knoxville Montessori School	4311 Kingston Pike	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-8004	Knoxville Museum of Art	1050 World's Fair Park Drive		High	90	none	1			1		1	1					
FOG-2668	Knoxville Racquet Club	5535 Lonas Road	NO	Low	40	none	1			1		1	1				No food production at facility.	
FOG-2789	Knoxville Zoological Gardens	3500 Knoxville Zoo Drive		High	40	1500	1		1			1	0					
FOG-8823	Knoxville-CAC (Beardsley Farm Teaching Area)	1741 Reynolds Street		Medium	none	none	1	1				1	0		Y	No GCE	FSF not open yet.	
FOG-3101	Knoxville-CAC (Mobile Meals)	1747 Reynolds Street		Medium	none	3000	1			1		1	1					
FOG-3095	Koi Fusion/Cocoa Moon	19 Market Square		Medium	none	1500	6			4	1	5	4					1,500 gal. GI
FOG-2425	Krispy Kreme	6201 Kingston Pike		High	none	1500	2		1	1		2	1					
FOG-2426	Krispy Kreme	4842 N. Broadway		Medium	none	1000	1		1			1	0					
FOG-2761	Kroger #506	2217 N. Broadway Street		Unacceptable	none	170	1			1		1	1		Y	Insufficient GCE No flow restrictor		
FOG-2660	Kroger #531	4409 Chapman Highway		Medium	none	1500	1		1			1	0					
FOG-2427	Kroger #558	4414 Asheville Highway		High	30	1000	1			1		1	1					
FOG-2759	Kroger #848	4918 Kingston Pike		High	none	2000	1			1		1	1					

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FOG-2824	Kroger #870	4440 Western Avenue		Unacceptable	40	none	1			1		1	1		Y	Insufficient GCE Deteriorating Maintenance issues		
FOG-3054	Kroger Super Store	5201 N. Broadway Street		High	none	2500	1		1			1	0					
FOG-2448	Krystal #13	3910 Western Avenue		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2454	Krystal #14	7215 Strawberry Plains Pike		Medium	none	1500	2		1	1		2	1					
FOG-2455	Krystal #21	1718 Cumberland Avenue		Medium	none	1000	1		1			1	0					
FOG-2452	Krystal #4	2815 N. Broadway Street		Unacceptable	none	1000	1			1		1	1		Y	One manhole		
FOG-2450	Krystal #6	5219 Clinton Highway		Unacceptable	none	1500	1		1			1	0		Y	GCE malfunction		
FOG-2451	Krystal #7	4100 Chapman Highway		Medium	none	1000	1		1			1	0					
FOG-2846	Krystal #KNXF14	5320 Millertown Pike		High	none	1000	1		1			1	0					
FOG-3243	Kumba Kare	4404 Holston Drive	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2958	Kwik Pantry Food Stores	6222 Chapman Highway		Medium	100	none	3		1	1	1	3	1					100 lb. GT
FOG-3145	La Esperanza Market #1	2412 Washington Pike		High	40	none	1		1			1	0					
FOG-2939	La Fiesta Mexican Grill	5707 Western Avenue		Medium	none	1000	4		1	3		4	3					
FOG-3138	La Flor Mexican Bakery	4809 Newcom Avenue		Unacceptable	40	none	1			1		1	1		Y	Insufficient GCE No flow restrictor Deteriorating		
FOG-0157	La Palma De Oro	6631 Clinton Highway Suite 105A		High	none	1500	1			1		1	1					
FOG-3232	La Quinta Inn & Suite	7210 Sadderack Street	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-5534	La Quinta Inn & Suites	1317 Kirby Road N.W.		High	100	none	1		1			1	0					
FOG-3119	La Rumba Restaurante & Bar	4900 Chambliss Avenue	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-1297	La Tortilla Market	3603 Chapman Highway	NO	Low	40	0	1		1			1	0				FSF is closed.	
FOG-2459	Lakeshore Mental Health Institute	5908 Lyons View Drive	NO	Low	200	none	1		1			1	0				FSF is closed.	
FOG-10198	Las Fuentes Mexican Restaurant	2525 Chapman Highway		Unacceptable	40	none	1	1				1	0		Y	Deteriorating Maintenance issues		
FOG-5282	Las Fuentes Mexican Restaurant	2525 Chapman Highway	NO	Low	40	none	1			1		1	1				FSF changed ownership.	
FOG-1292	Latitude 35	16 Market Square	NO	Low	180	0	1		1			1	0				FSF is closed.	
FOG-3088	Laurel Mountain Eatery	722 S. Gay Street	NO	Low	40	none	2		1	1		2	1				FSF is closed.	
FOG-3340	Lazy Bones	226 Andrew Johnson Hwy.	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-6337	Lee's Travel Center	7405 Strawberry Plains Pike	NO	Unacceptable	none	none	2	1	1			2	0		Y			
FOG-2462	Lema's	3931 Holston Drive		High	40	none	1			1		1	1					
FOG-2721	Lenny's Sub Shop	4622 Kingston Pike		Unacceptable	40	none	1			1		1	1		Y	No flow restrictor		
FOG-2837	Lenny's Sub Shop	2901-G Tazewell Pike		Unacceptable	40	none	1			1		1	1		Y	No flow restrictor		
FOG-3325	Lenny's Sub Shop	522 S. Gay Street Suite 101		High	none	6500	3		2	1		3	1					
FOG-5966	Lighthouse Knoxville	6800 Baum Drive		High	none	1000	1		1			1	0					
FOG-9151	Liquor Store	112 Cedar Lane	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2469	Little Caesars Pizza	4432 Western Avenue		Medium	200	none	1		1			1	0					
FOG-2467	Little Caesar's Pizza #2803	4322 N. Broadway Street		High	20	none	2			2		2	2					
FOG-2468	Little Caesar's Pizza #2808	4748 Centerline Drive		High	none	1500	1		1			1	0					
FOG-2449	Little Caesars Pizza #2812	2800 Magnolia Avenue		Unacceptable	none	1000	2			2		2	2		Y	One manhole Maintenance issues		
FOG-2471	Litton's	2803 Essary Road		High	none	4000	1		1			1	0					
FOG-2770	Long John Silver's	4412 Western Avenue		Medium	none	1000	2		1	1		2	1					
FOG-2988	Long John Silver's	4833 N. Broadway Street		High	none	1500	1			1		1	1					
FOG-2987	Long John Silver's #31884	2816 E. Magnolia Avenue		Medium	none	1000	1		1			1	0					
FOG-2473	Longbranch Saloon	1848 Cumberland Avenue	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-7171	Longhorn Steakhouse	7740 Kingston Pike		High	none	2000	2	1	1			2	0					
FOG-2690	Long's Drug Store	4604 Kingston Pike		Medium	40	none	1			1		1	1					
FOG-2474	Lonsdale Elementary School	1317 Louisiana Avenue		Medium	none	1500	1		1			1	0					
FOG-1271	Lonsdale Market and Deli	3208 Rudy Street		High	none	1500	2		1	1		2	1					
FOG-0632	Lorenas	4329 Lonas Road		Unacceptable	30	none	1			1		1	1		Y	Insufficient GCE		
FOG-3273	Los Lagos Bar & Grill	703 N. Cherry Street	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2206	Los Paisano's Mexican Restaurant	8078 Kingston Pike Suite 151	NO	Low	none	1000	1			1		1	1				FSF is closed.	
FOG-2976	Louis' Restaurant	4661 Old Broadway		Medium	none	1000	1		1			1	0					
FOG-2790	Love Kitchen	2418 Martin Luther King Jr. Avenue		Unacceptable	70	none	1		1			1	0		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3351	Love That BBQ	1901 Maryville Pike		High	40	none	1			1		1	1					
FOG-5034	Lucky Mart Asian Market	7819 Montvue Center Way	NO	Low	none	none	2		2			2	0				No food production at facility.	
FOG-1822	Lunch Box	607 Market Street	NO	Low	18	none	6			6		6	6				FSF is closed.	
FOG-2477	Lunch Box	1225 E. Weisgarber Road	NO	Low	20	none	1			1		1	1				FSF is closed.	
FOG-1825	Lunch Box Cherokee Mills	2250 Sutherland Avenue Suite 125	NO	High	50	none	1			1		1	1				FSF is closed.	
FOG-2476	Lunch House	3816 Holston Drive		High	none	2000	3			2	1	2	2					2,000 gal. GI
FOG-2716	Magnolia Café	2405 Magnolia Avenue		Unacceptable	50	none	1		1			1	0		Y	No flow restrictor Insufficient GCE		
FOG-3113	Magnolia Cafeteria	4108 Ashville Highway	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-2979	Magnolia Provisions	2013 Dutch Valley Drive		Medium	none	2000	1		1			1	0					
FOG-2401	Magnuson's Hotel Restaurant	7621 Kingston Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2466	Magpies Bakery	846 N. Central Street		Low	none	1000	1		1			1	0					
FOG-3110	Mainstay Suites	144 Merchants Drive		High	40	none	3	1		1	1	2	1					40 lb. GT
FOG-10193	Makers Donuts	804 Tyson Street		Medium	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-3094	Makino Japanese Buffet	8217 Kingston Pike		High	none	1000	1		1			1	0					
FOG-2850	Malibu 7 Restaurant & Dance	2514 Martin Luther King Jr. Boulevard	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2480	Mandarin House	314-J Merchant Drive		Medium	none	2000	3			2	1	2	2					2,000 gal. GI

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FOG-2116	Mandarin Palace Restaurant	3001 Knoxville Center Drive #1230		Unacceptable	none	1000	1			1		1	1		Y	One manhole Maintenance issues		
FOG-1325	Mapco	4531 Chapman Highway	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2484	Marble Slab Creamery	4835 Kingston Pike Suite 4849	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2485	Marcella's	2529 Martin Luther King Boulevard		Unacceptable	5	none	1			1		1	1		Y	Insufficient GCE		
FOG-1952	Marco's Pizza	3018 Tazewell Pike		High	none	1500	1			1		1	1					
FOG-11288	Market House Café	36 Market Square		Low	200	none	1				1	0	0					200 lb. GT
FOG-1994	Market, The	504 S. Gay Street		Medium	50	none	4		3	1		4	1					
FOG-2798	Marriot Hotel	501 E. Hill Avenue		Unacceptable	440	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-3207	Martha's Place	4624 Rutledge Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2834	Maynard Elementary School	737 College Street		Medium	none	1500	1			1		1	1					
FOG-2829	McAlister's #1126	2758 Schaad Road		Medium	none	1000	1			1		1	1					
FOG-2732	McAlister's #2	232 Morrell Road		Medium	none	1000	2		1	1		2	1					
FOG-2486	McAlister's Restaurant	1801 Cumberland Avenue	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2666	McDonald's	4420 Western Avenue		Medium	none	1000	1			1		1	1					
FOG-2951	McDonald's	206 Walker Springs Road		High	none	2000	1			1		1	1					
FOG-2491	McDonald's #10662	7402 Strawberry Plains Pike		Medium	none	2500	2		2			2	0					
FOG-2487	McDonald's #11600	5055 N. Broadway Street		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-2492	McDonald's #1243	7030 Kingston Pike		Medium	none	2500	1		1			1	0					
FOG-2493	McDonald's #2495	1720 Cumberland Avenue		Medium	none	2000	1		1			1	0					
FOG-2693	McDonald's #264	2812 Magnolia Avenue		Medium	none	1000	1			1		1	1					
FOG-2489	McDonald's #27127	7686 S. Northshore Drive		Unacceptable	none	1000	2			2		2	2		Y	One manhole Maintenance issues		
FOG-2494	McDonald's #288	3120 N. Broadway		Medium	none	1500	1		1			1	0					
FOG-2488	McDonald's #392	2505 Chapman Highway		High	none	2000	2		2			2	0					
FOG-2490	McDonald's #3925	322 Merchants Drive		Medium	none	1500	1		1			1	0					
FOG-2765	McDonald's/Millertown	5260 Millertown Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-3315	McDougal's Chicken	701 Seventeenth Street	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2495	Mellow Mushroom	2109 Cumberland Avenue		High	none	1000	2		1	1		2	1					
FOG-2784	Melting Pot	111 N. Central Street		Unacceptable	68	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-1737	Menchies Frozen Yogurt	234 Brookview Centre Way		Unacceptable	74	none	1			1		1	1		Y	No flow restrictor Maintenance issues		
FOG-2870	Mer-Mer's Bakery	617 N. Gay Street		Medium	40	none	2		1	1		2	1					
FOG-2654	Messiah Lutheran Church	6900 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-11439	Metropolis Arcade & Beer Market	937 N. Broadway	NO	Low	none	none	1	1				1	0		Y			
FOG-9887	Mi Pais	408 E. Inskip Drive		High	40	none	1			1		1	1					
FOG-3312	Mi Pueblo	1645 Downtown West Boulevard Suite 118		High	40	none	1		1			1	0					
FOG-2500	Mick O's	5210 E. Schubert Road Suite E	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-5921	Middlebrook Market & Deli	2902 Middlebrook Pike		High	40	none	1		1			1	0					
FOG-1885	Midway Rehab Center	1515 Magnolia Avenue		Unacceptable	70	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-10130	Milano Pizza & Mediterranean Food	4409 Chapman Highway		Unacceptable	8	none	1		1			1	0		Y	Insufficient GCE No flow restrictor		
FOG-2810	Moe's Southwest Grill	1800 Cumberland Avenue		Medium	40	none	3			3		3	3					
FOG-3255	Mojo's Southside Market	1316 Maryville Pike	NO	Low	50	none	1		1			1	0				No food production at facility.	
FOG-11371	Monster Pizza	1723 Cumberland Avenue #3		High	200	none	2	1			1	1	0					200 lb. GT
FOG-2678	Monterrey Mexican Restaurant	105 Cedar Lane		High	none	1500	1		1			1	0					
FOG-10109	Moonshine Mountain Cookie Co.	7343 Kingston Pike		Medium	100	none	2	1			1	1	0					100 lb. GT
FOG-2505	Mooreland Heights Elementary School	5315 Magazine Road		Medium	none	2100	2		1		1	1	0					2,000 gal. GI
FOG-1889	Mooyah Burgers Fries & Shakes	7301 Kingston Pike		High	none	1500	1		1			1	0					
FOG-3219	Motel 6	5640 Merchant Center Drive	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3231	Motel 6	1550 Cracker Barrel Lane	NO	Low	none	none	2		2			2	0				No food production at facility.	
FOG-11082	Moti Inc.	5328 Pleasant Ridge Road		Medium	40	none	2	1	1			2	0					
FOG-5729	Mount Moriah FBH Church	2001 Western Avenue		Medium	none	1000	1		1			1	0					
FOG-2509	Mount Olive Baptist Church	2500 Maryville Pike		Unacceptable	none	2000	1			1		1	1				One manhole	
FOG-2506	Mount Olive Elementary School	2507 Maryville Pike		Medium	none	800	1		1			1	0					
FOG-2916	Ms. D's Restaurant	2223 McCalla Avenue	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-3233	My Village CDC	1600 Willoughby Road	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-2205	Nagoya Express Japanese Grill	815 Merchant Drive Suite E		High	40	none	1		1			1	0					
FOG-3135	Nama Sushi Bar	5130 Kingston Pike		Medium	none	1500	2		2			2	0					
FOG-1265	Nama Sushi Bar	506 S. Gay Street		High	200	none	2			2		2	2					
FOG-2510	Naples Italian Restaurant	5500 Kingston Pike		High	none	2500	2		1	1		2	1					
FOG-4928	National Fitness Center	8511 Walbrook Drive		High	80	none	1			1		1	1					
FOG-2511	New China Restaurant	5003 Clinton Highway		Unacceptable	60	none	1			1		1	1		Y	Dw to GT or direct to sewer		
FOG-6913	NHC Healthcare	809 E. Emerald Avenue		Medium	none	2500	4			3	1	3	3					2,500 gal. GI
FOG-2250	NHC Healthcare of Ft. Sanders	2120 Highland Avenue		Unacceptable	none	3000	2		1	1		2	1		Y	One manhole Maintenance issues		
FOG-6342	Niro's Gyros	1823 Cumberland Avenue		Medium	40	none	2		1			2	0					
FOG-2512	Nixon's Deli	5716 Kingston Pike		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor insufficient GCE		
FOG-3057	Nixon's Deli	7419 Middlebrook Pike Suite 106		Medium	none	1500	1			1		1	1					
FOG-2962	Nixon's Deli	508 Merchants Drive		High	20	none	1			1		1	1					
FOG-3698	Noodles & Company	1700 Cumberland Avenue		High	none	1500	1		1			1	0					

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FOG-4096	North Corner Sandwich Shop	2400 N. Central Street		Medium	40	none	1		1			1	0					
FOG-2675	Northwest Middle School	5301 Pleasant Ridge Road		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2676	Norwood Elementary School	1909 Merchants Drive		Medium	none	1500	1		1			1	0					
FOG-5596	Not Watson's	15 Market Square		Medium	none	1500	5	1	4			5	0					
FOG-11521	Nothing Bundt Cakes	5300 Kingston Pike		Medium	200	none	1				1	0	0					200 lb. GT
FOG-2516	Oak Grove Lounge	6324 Asheville Highway	NO	Low	none	none	1			1		1	1				FSF is closed.	
FOG-6223	Oakwood Senior Living need to inspect	232 E. Churchwell Avenue		Medium	none	2000	1	1				1	0					
FOG-2430	Oasis Buffet	2011 N. Broadway	NO	Low	95	none	1			1		1	1				FSF is closed.	
FOG-2515	O'Charley's #208	8077 Kingston Pike		Medium	none	1500	1			1		1	1					
FOG-2513	O'Charley's #217	117 Cedar Lane		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2869	O'Charley's #361	3050 South Mall Road		Medium	none	1500	1		1			1	0					
FOG-2518	Old City Java	109 S. Central Street		High	30	none	2			2		2	2					
FOG-9649	Old College Inn	2204 Cumberland Avenue	NO	Low	none	none	2		2			2	0				FSF is closed.	
FOG-2520	Olive Garden Restaurant #92	7206 Kingston Pike		High	none	15000	2			2		2	2					
FOG-10723	Oliver Royale	5 Market Square		Medium	none	1500	1				1	0	0					1,500 gal. GI
FOG-3151	Olivet Baptist Church	4701 Pleasant Ridge Road		High	none	1000	1		1			1	0					
FOG-2947	Oodles Uncorked Restaurant	18 Market Square		Unacceptable	50	none	3			3		3	3	1	Y	DW to GT or direct to sewer Maintenance issues		
FOG-7233	Open Chord	8502 Kingston Pike		Medium	140	none	4		2	1	1	3	1					100 lb. GT
FOG-10782	Orange Bee Tavern	5903 Chapman Highway		Unacceptable	18	none	2	1	1			2	0		Y	Insufficient GCE Maintenance issues		
FOG-4207	Orange Leaf	36 Market Square	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2327	Orange Sports Grill	5512 Clinton Highway	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2521	Orangery, The	5412 Kingston Pike		High	30	2000	2		1	1		2	1					
FOG-2876	Oriental Express	3001 Knoxville Center Drive Suite 2211		Medium	50	none	1			1		1	1					
FOG-2522	Original Freeze, The	1305 N. Central Street		High	20	none	2			2		2	2					
FOG-10161	Osaka Grill & Sushi Buffet	4009 Chapman Highway		High	none	1500	2	1	1			2	0					
FOG-1314	Osaka Grill & Sushi Buffet	4009 Chapman Highway	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-3262	Osaka Hibachi & Sushi	3349 Sutherland Avenue Suite 101		High	none	2000	1		1			1	0					
FOG-2523	Oscar's Restaurant Fine Italian Cuisine	1840 Cumberland Avenue		Medium	80	none	3		1	2		3	2		Y			
FOG-5756	Oscars Taco Shop	2121 Cumberland Avenue Suite 101		Medium	none	1500	1		1			1	0					
FOG-2408	Our Place	4710 Old Broadway Street		High	14	none	1		1			1	0					
FOG-2840	Outback Steakhouse #2	7400 Sawyer Lane		Medium	none	3000	2		2			2	0					
FOG-2524	Outback Steakhouse #4317	314 A Merchants Drive		Unacceptable	none	1000	2			2		2	2		Y	One manhole		
FOG-4830	Ozzy's Place	5903 Chapman Highway	NO	Low	18	none	1			1		1	1				FSF is closed.	
FOG-2297	Panasonic Corp	5105 South National Drive	NO	Low	30	none	1		1			1	0				FSF is closed.	
FOG-2526	Panda Chinese Restaurant	4424 Western Avenue		Unacceptable	40	none	2			2		2	2		Y	DW to GT or direct to sewer		
FOG-2701	Panera Bread	4855 Kingston Pike		High	none	1000	1			1		1	1					
FOG-2704	Panera Bread	2000 Cumberland Avenue		Medium	none	1000	1		1			1	0					
FOG-2975	Panera Bread	4893 N. Broadway		Medium	none	2000	1		1			1	0					
FOG-3913	Papa Johns	6213 Riverview Crossing		High	100	none	2		1	1		2	1					
FOG-2529	Papa John's	2901 Tazewell Pike		Unacceptable	14	none	3			3		3	3		Y	Insufficient GCE Maintenance issues		
FOG-2527	Papa John's Pizza	7036 Kingston Pike		High	70	none	2		2			2	0					
FOG-2699	Papa John's Pizza	1819 Lake Avenue		Unacceptable	100	none	2			2		2	2		Y	No flow restrictor Insufficient GCE Maintenance issues		
FOG-10251	Papa Murphy's	4409 Chapman Highway		Unacceptable	40	none	1	1				1	0		Y	No flow restrictor		
FOG-10257	Papa Murphy's	6631 Clinton Highway		High	40	none	1	1				1	0					
FOG-10259	Papa Murphy's	5214 N. Broadway		High	30	none	1	1				1	0					
FOG-3019	Papa Murphy's	5214 N. Broadway	NO	Low	30	none	1		1			1	0				FSF changed ownership.	
FOG-3047	Papa Murphy's	6631 Clinton Highway	NO	Low	40	none	1			1		1	1				FSF changed ownership.	
FOG-3120	Papa Murphy's	4409 Chapman Highway Suite U	NO	Low	30	none	1			1		1	1				FSF changed ownership.	
FOG-1266	Papermill Market & Deli	4615 Papermill Road	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-3069	Parkridge Harbor	1501 E. Fifth Avenue		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-3180	Parkview Independent Living	5405 Colonial Circle		Medium	none	1000	1		1			1	0					
FOG-2531	Patrick Sullivans Steakhouse	100 N. Central Street	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2265	Paul's Oasis	8021 Kingston Pike		High	70	none	2			2		2	2					
FOG-1990	Payne Baptist Church	2714 Martin Luther King Avenue		High	40	none	1		1			1	0					
FOG-2886	Pee Wees Diner	5702 Rutledge Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2532	Pelanco's Mexican Grill	1516 Downtown West Boulevard		High	none	1500	1		1			1	0					
FOG-12030	Pellissippi State	Strawberry Plains Pike Campus	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-5302	Penn Station Subs	7025 Kingston Pike		High	none	1500	1		1			1	0					
FOG-3234	Penn Station Subs	2121 Cumberland Avenue	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-3712	Penn Station Subs	4909 N. Broadway		Medium	50	none	1		1			1	0					
FOG-3198	Perfect Place, The	3202 Martin Luther King Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-1613	Pero's On The Hill	7706 S. Northshore Drive		High	none	1000	2			1		2	1					
FOG-2890	Pete's Coffee Shop	540 Union Avenue		High	none	1500	2		2			2	0					
FOG-2534	Petros Chili & Chips # 502 West Hills	7005 Kingston Pike		Unacceptable	30	none	2			2		2	2		Y	No flow restrictor		
FOG-2535	Petros Chili & Chips #1	7600 Kingston Pike		High	40	none	2		1	1		2	1					
FOG-2536	Petros Chili & Chips #2/ Knoxville Center	3001 Knoxville Center Drive Suite 2229		High	40	none	2			2		2	2					
FOG-2650	PF Changs China Bistro Inc.	6741 Kingston Pike		Medium	none	1000	1		1			1	0					
FOG-2845	Phatz Sports Bar & Grill	3920 Asheville Highway	NO	Low	none	1000	1					1	0				FSF is closed.	
FOG-2538	Philippine Connection Carry Out	3225 Magnolia Avenue		High	40	none	2		1	1		2	1					
FOG-0149	Philippine Egg Roll Express	3625 Western Avenue		High	40	none	1		1			1	0					
FOG-7988	Philly Pretzel	8445 Walbrook Drive		High	100	none	1			1		1	1					

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FOG-1600	Pilot	3615 Sutherland Avenue		High	30	none	1			1		1	1					
FOG-2853	Pilot Food Mart # 187	100 Merchants Drive		Medium	50	none	2		2			2	0					
FOG-2966	Pilot Food Mart #166	4603 Chapman Highway		Unacceptable	14	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-3004	Pilot Food Mart #217	4800 N. Broadway Street		High	40	none	1		1			1	0					
FOG-5175	Pilot Travel Center	7210 Strawberry Plains Pike		Medium	50	none	2		2			2	0					
FOG-0158	Pint House, The	815 Merchants Drive		Unacceptable	30	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-9806	Pit Stop Bar-B-Que	8534 Asheville Hwy		High	40	none	1		1			1	0					
FOG-2681	Pizza Hut #12621	212 Cedar Lane		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2771	Pizza Hut #12628	5701 Western Avenue		Unacceptable	40	none	5			5		5	5	1	Y	DW to GT or direct to sewer No flow restrictor Deteriorating Maintenance issues		
FOG-2695	Pizza Hut #12629	4100 Asheville Highway		Unacceptable	40	none	2			2		2	2	1	Y	Deteriorating No flow restrictor		
FOG-2774	Pizza Hut #12632	2405 Chapman Highway		Unacceptable	34	none	2			2		2	2	1	Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-2540	Pizza Hut #13026	7017 Kingston Pike		Unacceptable	50	none	2			2		2	2	1	Y	DW to GT or direct to sewer Insufficient GCE No flow restrictor		
FOG-2767	Pizza Hut/ Millertown	5338 Millertown Pike		Medium	none	1000	1		1			1	0					
FOG-0031	Pizza Inn	5420 Clinton Highway		Unacceptable	none	1000	1			1		1	1		Y	One manhole Maintenance issues		
FOG-2442	Pizza Palace	3132 E. Magnolia Avenue		Medium	100	none	1		1			1	0					
FOG-2443	Pizza Plus	210 Andrew Johnson Highway		High	30	none	2		1	1		2	1					
FOG-12046	PJ's Tennessee Avenue Deli & Foodmart	1103 Tennessee Avenue		Medium	40	none	1	1				1	0					
FOG-1921	Plaid Apron, The	1210 Kenesaw Avenue		Medium	none	1500	1		1			1	0					
FOG-2835	Pleasant Ridge Elementary	3013 Walnoaks Road		Medium	none	1500	1		1			1	0					
FOG-2445	Pond Gap Elementary	1400 Hollywood Drive		Medium	none	2000	1		1			1	0					
FOG-6122	Pop Culture	3341 Sutherland Avenue		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor		
FOG-5732	Popeye's	4801 Clinton Highway		Medium	none	2000	2	1	1			2	0					
FOG-1288	Poulavah Hut	1931 Magnolia Avenue	NO	Low	40	none	2		2			2	0				FSF is closed.	
FOG-2891	Preservation Pub	28 Market Square		Medium	74	none	4		4			4	0					
FOG-2441	Pride & Joy Children's Academy	4418 Kingston Pike		Medium	40	none	1		1			1	0					
FOG-1893	Prime Time Hot Dogs	800 S. Gay Street, Suite P370		High	30	none	4		3	1		4	1					
FOG-11973	Proposed FSF at Jackson Terminal	207 W. Jackson Avenue		Low	none	2000	1				1	0	0				FSF not open yet.	2,000 gal. GI
FOG-10175	Public House, The	212 W. Magnolia Avenue	NO	Low	none	none	1	1				1	0				No food production.	
FOG-2311	Puleo's Grille	110 Cedar Lane		Medium	none	2000	1		1			1	0					
FOG-2446	Puleo's Grille	7224 Region Lane		Unacceptable	none	1000	3			3		3	3		Y	One manhole Maintenance issues		
FOG-3281	Puleo's Grille	242 Morrell Road	NO	Low	none	3000	1		1			1	0				FSF is closed.	
FOG-3310	Pup's Pit BBQ	7660 S. Northshore Drive	NO	Low	50	none	1			1		1	1				FSF is closed.	
FOG-11452	Pyramid Deli & Café	6535 Kingston Pike Lot B		High	60	none	2	1	1			2	0					
FOG-2992	Qdoba Mexican Grill	7339 Kingston Pike		High	none	1500	1		1			1	0					
FOG-12240	Quaker Steak & Lube	8361 Kingston Pike		Medium	none	2500	1				1	0	0					2,500 gal. GI
FOG-2982	Quality Bakers	4529 Holston Drive		Medium	100	none	1		1			1	0					
FOG-3220	Quality Inn	117 Cedar Lane		Medium	40	none	1		1			1	0					
FOG-10526	Quality Inn	7471 Crosswood Boulevard		Medium	none	none	2		2			2	0		Y			
FOG-3777	Quality Turkish Market	8078 Kingston Pike		Medium	40	none	0					0	0					
FOG-6038	Quik Stop	815 Baxter Avenue		Unacceptable	20	none	2		1	1		2	1		Y	No flow restrictor Insufficient GCE Maintenance issues		
FOG-1951	Raceway #6757	4418 Western Avenue		Unacceptable	30	none	1			1		1	1		Y	No flow restrictor Maintenance issues		
FOG-3202	Ramada Inn	7737 Kingston Pike		Unacceptable	14	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-9836	Rami's Café	3553 N. Broadway Street		Medium	none	2000	3	1	1		1	2	0					2,000 gal. GI
FOG-2648	Ramsey's Restaurant	5331 Central Avenue Pike	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-2864	Rankin Restaurant	2200 N. Central Street		Medium	none	1000	1			1		1	1					
FOG-2545	Red Fez Deli Express	3201 Magnolia Avenue		High	10	none	4			4		4	4					
FOG-2691	Red Lobster # 47	8040 Kingston Pike		High	none	1500	1			1		1	1					
FOG-2670	Red Lobster #253	305 Merchant Drive		Unacceptable	none	1000	1			1		1	1		Y	GCE malfunction		
FOG-3625	Red Mango	7600 Kingston Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2208	Red Onion Pizza & Sub	3625 Sutherland Avenue		Unacceptable	20	none	3			3		3	3		Y	Insufficient GCE GCE malfunction No flow restrictor		
FOG-11456	Red Piano Lounge, The	4620 Kingston Pike #2		Medium	40	none	1	1				1	0					
FOG-1257	Red Roof Inn	1315 Kirby Road		High	100	none	2		1	1		2	1					
FOG-9457	Red Roof Inn	5334 Central Avenue Pike		High	50	none	3	1	1		1	2	0					50 lb. GT
FOG-9064	Red Roof Inn & Suites	7525 Crosswood Boulevard		Medium	none	none	2		2			2	0		Y			
FOG-3252	Redemption Church	3550 Pleasant Ridge Rd	NO	Low	40	none	1		1			1	0				No food production at facility.	
FOG-3089	Regal Cinemas Downtown	510 S. Gay Street		Medium	40	none	4		1	3		4	3					
FOG-3261	Regal Downtown West 8	1640 Downtown West Boulevard		High	30	none	1			1		1	1					

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FOG-3104	Regal Entertainment Group	7600 Kingston Pike		High	40	none	1			1		1	1					
FOG-3005	Regal Theatre	3001 Knoxville Center Drive		High	30	none	1			1		1	1					
FOG-3118	Relix Variety, LLC	1208 N. Central Street		Medium	none	2500	1			1		1	1					
FOG-2218	Richard Yoakley Elementary School	4415 Washington Pike		High	200	none	1			1		1	1					
FOG-2219	Rick's Place	1525 Downtown West Boulevard Suite 7	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2220	Ridgedale Elementary School	4600 Ridgedale Road		High	30	none	1		1			1	0					
FOG-3098	Rita's Bakery	3023 Tazewell Pike		Low	none	1500	1		1			1	0					
FOG-10125	Rita's Ice	4885 N. Broadway Street Suite 7		High	40	none	2	1	1			2	0					
FOG-3157	Rita's Italian Ice	26 Market Square Unit D		Medium	40	none	4		3	1		4	1					
FOG-2839	Rite Stop Food Mart	441 Dutch Valley Drive		High	20	none	1		1			1	0					
FOG-2802	Ritta Elementary School	6228 Washington Pike		Unacceptable	none	800	1			1		1	1			One manhole		
FOG-8732	River Dog Bakery	5201 Kingston Pike		Medium	40	none	1			1		1	1					
FOG-3003	River Dog Bakery	7741 S. Northshore Drive	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2756	Riverside Market	2100 Riverside Drive		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE No flow restrictor		
FOG-8708	Riverview News Stand	901 S. Gay Street		High	40	none	4		1	3		4	3					
FOG-5308	Roadway Inn	814 Brakebill Road	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2547	Rocky Hill Elementary School	1200 Morrell Road		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-11448	Rocky Tops Piano Bar	1901 Cumberland Avenue		Medium	200	none	1	1				1	0					
FOG-2657	Romano's Macaroni Grill	7723 Kingston Pike	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2549	Roosters Bar and Grill	7585 Northshore Drive		Unacceptable	80	none	2			2		2	2		Y	DW to GT or direct to sewer		
FOG-3839	Roseberry Baptist Church	2920 Roseberry Road		Unacceptable	10	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-2222	Roundup Restaurant & Ice Cream Parlor	3643 Sevierville Pike		Unacceptable	30	none	3			3		3	3		Y	Insufficient GCE Impeded access to GCE Maintenance issues		
FOG-2224	Ruby Tuesday #3767	4834 N. Broadway Street		Medium	none	1000	1		1			1	0					
FOG-2696	Ruby Tuesday #4155	750 Brakebill Rd.	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-2786	Ruby Tuesday's #4262	6606 Clinton Highway	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-11570	Ruffy's Bakery	2911 Tazewell Pike		Medium	200	none	1				1	0	0					200 lb. GT
FOG-2546	Ruth's Chris Steakhouse	950 Volunteer Landing		High	none	1000	2		1	1		2	1					
FOG-2671	Ryan's #154	213 Cedar Ln.	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2643	S & S Cafeteria	4808 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-11338	Sabor Catracho	4705 Central Avenue Pike		Unacceptable	40	none	1	1				1	0		Y	Insufficient GCE No flow restrictor		
FOG-2836	Sacred Heart Cathedral	711 S. Northshore Drive		Medium	none	2500	1			1		1	1					
FOG-2225	Saint Joseph School Cafeteria	1810 Howard Drive		High	none	1500	1		1			1	0					
FOG-2735	Salsarita's Fresh Cantina	100 Jack Dance Street		High	none	1000	2			2		2	2					
FOG-3018	Salsarita's Fresh Catina	5224 N. Broadway Street		Medium	none	2000	1		1			1	0					
FOG-2551	Salvation Army Kitchen	409 N. Broadway		Unacceptable	none	1000	2			2		2	2			One manhole		
FOG-2552	Sam & Andy's	2613 West Adair Drive		High	40	none	2		1	1		2	1					
FOG-2553	Sam E. Hill Elementary School	1725 Delaware Avenue		Medium	none	3000	2			1	1	1	1					3,000 gal. GI
FOG-3059	Sam's Café	603 W. Main Street	NO	High	80	none	1		1			1	0				FSF is closed.	
FOG-2902	Sam's Club #6572	2920 Knoxville Center Drive		High	none	4000	2		1	1		2	1					
FOG-2758	Sam's Club #8256	8435 Walbrook Drive		High	none	4500	1		1			1	0					
FOG-2554	Sam's Restaurant and Deli	4405 N. Broadway		Unacceptable	100	none	2			2		2	2		Y	DW to GT or direct to sewer No flow restrictor		
FOG-2726	Sapphire Restaurant	428 S. Gay Street		Unacceptable	40	none	1			1		1	1	1	Y	DW to GT or direct to sewer		
FOG-2638	Sarah Moore Green Elementary School	3001 Brooks Road		Medium	none	2000	1		1			1	0					
FOG-2550	Sarku	7600 Kingston Pike		High	60	none	2		1	1		2	1					
FOG-2555	Sarku	3001 Knoxville Center Drive Suite 2227		Medium	100	none	1		1			1	0					
FOG-2210	Save A Lot	3840 Holston Drive		Unacceptable	28	none	1			1		1	1		Y	No flow restrictor		
FOG-2353	Save-A-Lot	2003 N. Broadway Street		Medium	50	none	1			1		1	1					
FOG-2557	Savelli's Italian Restaurant	3055 Sutherland Avenue		Unacceptable	50	none	2			2		2	2		Y	DW to GT or direct to sewer No flow restrictor		
FOG-2900	Sbarro	3001 Knoxville Center Drive	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2226	Sbarro's/West Town	7600 Kingston Pike Suite 1300		High	40	none	1			1		1	1					
FOG-2227	Scott's Deli and Ice Cream	4700 Asheville Highway		High	200	none	1		1			1	0					
FOG-4787	Scruffy City Hall	32 Market Square		Medium	40	none	4	1	2		1	3	0					40 lb. GT
FOG-2228	Scrugg's Real Pit Bar B Q	1920 E. Magnolia Avenue	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-9832	Scrumps Cupcakes	106 Hotel Road		High	40	none	1			1		1	1					
FOG-2994	Senior Citizen Home Assistance Service	215 Bearden Place		High	none	2500	1			1		1	1					
FOG-2717	Senor Taco	3325 N. Broadway Street		High	none	2000	2			1	1	1	1					2,000 gal. GI
FOG-2229	Sequoyah Elementary School	942 Southgate Road		Medium	none	1000	1		1			1	0					
FOG-2908	Serene Manor Hospital	970 Wray Street		High	none	1500	1		1			1	0					
FOG-1977	Sergeant Pepperoni's Pizza	4618 Kingston Pike		High	50	none	1			1		1	1					
FOG-2821	Seventeenth Street Market & Deli	115 17th Street	NO	Low	40	none	1			1		1	1				FSF is closed.	
FOG-2517	Sevier Heights Baptist Church	3232 Alcoa Highway		Medium	none	1000	1			1		1	1					
FOG-1974	Shannondale Assisted Living	801 Vanosdale Road		High	none	1000	1		1			1	0					
FOG-2231	Shannondale Elementary School	5316 Shannondale Road		Medium	none	1500	1		1			1	0					
FOG-2905	Shannondale Health Care	7424 Middlebrook Pike		High	none	3000	1		1			1	0					
FOG-2232	Shoney's #1	4032 N. Broadway Street		Medium	none	1500	1		1			1	0					
FOG-2233	Shoney's #12	4410 Western Avenue		High	none	1500	1		1			1	0					
FOG-2234	Shoney's #4	2612 Chapman Highway		High	none	1500	1		1			1	0					
FOG-2236	Shoney's #8	4020 Rutledge Pike		Medium	none	1500	2		1	1		2	1					
FOG-2948	Shono's in City	5 Market Square	NO	Low	50	none	1			1		1	1				FSF is closed.	
FOG-3795	Shri Swaminarayan Mander	602 Brakebill Road		High	none	1000	1	1				1	0					

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FOG-3062	Shrimp Dock, The	5210 Kingston Pike		High	none	1000	1		1			1	0					
FOG-7308	Shuck Raw Bar	5200 Kingston Pike		Medium	none	1500	2		1	1		2	1					
FOG-9991	Shulz Brau Brewing	126 Bernard Avenue		Low	none	2000	1				1	0	0				FSF not open yet.	2,000 gal. GI
FOG-2238	Sitar Fine Indian Cuisine	6004 Kingston Pike		High	none	1000	2			2		2	2					
FOG-2820	Sixth Avenue Market & Deli	1607 N. Sixth Avenue		High	40	none	2		1	1		2	1					
FOG-2239	Skatetown	5713 N. Broadway Street		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor Impeded access to GCE Maintenance issues		
FOG-9602	Sky Box	415 S. Gay Street		High	125	none	4		1	3		4	3					
FOG-3332	Smoke Box, The	2827 Magnolia Avenue		High	none	1000	1		1			1	0					
FOG-9249	Smoked Hawgs	234 Brookview Centre Way, Suite 109	NO	Low	none	1000	1	1				1	0				FSF is closed.	
FOG-6307	Smokin' J's BBQ	5200 Rutledge Pike		Unacceptable	50	none	2	1	1			2	0		Y	Insufficient GCE Maintenance issues		
FOG-2561	Smoky Mountain VFW	734 Fourth Avenue		High	40	none	1		1			1	0					
FOG-3815	Snappy Tomato Pizza	5905 Kingston Pike	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-7137	Snappy Tomato Pizza	2806 Schaad Road		High	50	none	2			2		2	2		Y			
FOG-7146	Snappy Tomato Pizza	5908 Washington Pike		High	none	1500	2	1	1			2	0					
FOG-2977	Soccer Taco	6701 Kingston Pike		Medium	none	1500	1			1		1	1					
FOG-3288	Soccer Taco/ Market Square	9 Market Square		High	none	2000	4		2	2		4	2					
FOG-2828	Sonic # 4789	2742 Schaad Road		High	none	1500	1		1			1	0					
FOG-2723	Sonic #2315	4515 Chapman Highway		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2702	Sonic #3183	3307 N. Broadway Street		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2314	Sonic #3487	5722 Kingston Pike		High	none	1500	2		1	1		2	1					
FOG-3304	Sonic Drive In	5003 Millertown Pike		High	none	1500	1		1			1	0					
FOG-2564	Sonic Drive-In	5101 N. Broadway Street		Medium	none	1000	1		1			1	0					
FOG-2649	South Doyle Middle School	3900 Decatur Avenue		Unacceptable	none	1000	1			1		1	1			One manhole		
FOG-2315	South Knoxville Elementary School	801 Sevier Avenue		Unacceptable	80	none	1		1			1	0		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-3782	Southern Railway Depot	318 W. Depot Avenue		High	none	1000	1	1				1	0					
FOG-5311	Southside Bar	125 A East Moody Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-3319	Spice Rack, The	7727 Kingston Pike	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2796	Spring Hill Elementary School	4711 Mildred Drive		Medium	none	1000	1		1			1	0					
FOG-3081	St. John's Cathedral	413 W. Cumberland Avenue		Medium	none	1500	2		2			2	0					
FOG-2990	Starbucks	7222 Region Lane	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-3017	Starbucks Coffee	7803 Montvue Drive		High	none	1500	1		1			1	0					
FOG-2871	Starbucks Coffee #1 in Hilton	501 W. Church Avenue		Medium	230	none	3		1	1	1	2	1					200 lb. GT
FOG-2781	Starbucks Coffee #10173	2021 Cumberland Avenue		Medium	none	1500	1		1			1	0					
FOG-3042	Starbucks Coffee #8536	4924 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2991	Starbucks Coffee #9780	116 Merchant Drive		High	none	1500	1		1			1	0					
FOG-2571	Steamboat Sandwiches	7 Market Square	NO	Low	20	none	1			1		1	1				FSF is closed.	
FOG-2312	Stefano's Chicago Style Pizza	1937 Cumberland Avenue		Unacceptable	150	none	2			2		2	2		Y	DW to GT or direct to sewer Maintenance issues		
FOG-6466	STEM Academy at L&N	806 World's Fair Park Drive		Unacceptable	50	none	1			1		1	1		Y	No flow restrictor		
FOG-2674	Sterchi Elementary School	900 Oaklett Drive		Medium	none	1500	1		1			1	1					
FOG-9995	Sticky Rice	120 Jack Dance Street		Medium	none	2000	1				1	0	0					2,000 gal. GI
FOG-1873	Stillhouse Tavern, The	4921 Homberg Drive Suite E		High	200	none	1		1			1	0					
FOG-2573	Stir Fry Café	7240 Kingston Pike		Unacceptable	30	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor		
FOG-4161	Stock & Barrel	35 Market Square		Medium	140	none	4		2	2		4	2					
FOG-3031	Stop N' Go Market	2110 Brooks Road		Unacceptable	30	none	1			1		1	1		Y	No flow restrictor		
FOG-11088	Straight Off the Grill Barbeque	1931 Magnolia Avenue	NO	Low	none	none	1	1				1	0				FSF is closed.	
FOG-2245	Strike & Spare Bowling Center	3315 N. Broadway Street		Medium	40	none	1		1			1	0					
FOG-2568	Strike & Spare Family Fun Center	5700 Western Avenue		High	40	none	2		1	1		2	1					
FOG-5281	Studio X	1931 Cumberland Avenue		Low	none	none	1		1			1	0					
FOG-2581	Subway	2104 Cumberland Avenue		Unacceptable	100	none	4			3	1	3	3		Y	Insufficient GCE Maintenance issues		100 lb. GT
FOG-2583	Subway	3708 Chapman Highway		High	30	none	1			1		1	1					
FOG-2889	Subway # 23	314 C Merchants Drive		Medium	100	none	2			1	1	1	1					100 lb. GT
FOG-2808	Subway #12	25 Market Square		High	100	none	6		1	4	1	5	4					100 lb. GT
FOG-2575	Subway #15024	6217 Riverview Crossing		Unacceptable	40	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2580	Subway #1552	2625 N. Broadway Street		High	30	none	1			1		1	1					
FOG-2776	Subway #1553	7327 Kingston Pike		High	30	none	2			2		2	2					
FOG-2579	Subway #1554	4436 Western Avenue		High	17	none	2			2		2	2					
FOG-2576	Subway #1559	3105 Alcoa Highway		Unacceptable	8	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2577	Subway #16597	8605 Walbrook Drive		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-2574	Subway #16870	4803 N. Broadway Street		High	40	none	2		1	1		2	1					
FOG-2578	Subway #1711	5201 Kingston Pike		Unacceptable	30	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2748	Subway #23897	7701 Northshore Drive		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE Maintenance issues		
FOG-2888	Subway #26783	2734 Schaad Road		High	30	none	1			1		1	1					
FOG-2728	Subway #31346	1325 N. Cherry Street		High	20	none	1			1		1	1					

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FOG-3293	Subway #46618	3317 Sutherland Avenue		Medium	50	none	1		1			1	0					
FOG-5180	Subway (NOTPilot)	7210 Strawberry Plains Pike		Unacceptable	40	none	2		1	1		2	1		Y	No flow restrictor		
FOG-2740	Subway/Knox Center	3001 Knoxville Center Drive		Unacceptable	20	none	1			1		1	1		Y	Insufficient GCE		
FOG-2895	Subway/Middlebrook	5501 Middlebrook Pike		Medium	none	40	1			1		1	1			Maintenance issues		
FOG-2541	Subway/West Town	7600 Kingston Pike		High	8	none	1			1		1	1					
FOG-2539	Sugar Shack, The	3001 Knoxville Center Drive Suite 1236	NO	Low	none	3000	1		1			1	0				FSF is closed.	
FOG-3379	Sugarbuzz Bakery	3629 Talluna Avenue		Medium	30	none	1		1			1	0					
FOG-2530	Sullivans at Rocky Hill	7545 S. Northshore Drive		Unacceptable	none	1000	2			2		2	2				One manhole	
FOG-11278	SunNight Lounge	1045 Maryville Pike		Medium	40	none	1	1				1	0		Y			
FOG-2637	Sunnyview Primary School	412 Bagwell Lane		Medium	none	1500	1		1			1	0					
FOG-4236	Sunspot	2200 Cumberland Avenue		High	none	1500	1		1			1	0					
FOG-9157	Super 8	341 Merchants Drive	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3239	Super 8 Motel	7585 Crosswood Blvd.	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2883	Super Dollar Discount Foods	4302 Asheville Highway	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-2867	Super Mario	736 N. Broadway Street		High	none	1500	1		1			1	0					
FOG-3527	Surin of Thailand	6213 Kingston Pike		Medium	none	2000	1		1			1	0					
FOG-9154	Susan's Happy Hour	1482 Amherst Road		Unacceptable	8	none	1			1		1	1		Y	No flow restrictor		
FOG-2641	Sutherland Deli	2608 Sutherland Avenue Suite D		Unacceptable	14	none	2			2		2	2		Y	Insufficient GCE		
FOG-3363	Suttree's High Gravity Tavern	409 S. Gay Street		High	140	none	4		2	2		4	2			Maintenance issues		
FOG-4943	Sweet P's BBQ	410 W. Jackson Avenue		Medium	none	2000	2	1	1			2	0					
FOG-3141	Sysco Food Company	900 Tennessee Avenue		High	none	1000	1		1			1	0					
FOG-2584	Szechuan Garden	4211 Chapman Highway		High	none	1500	1		1			1	0					
FOG-3928	Taco Bell	411 Merchants Drive		Medium	none	1500	1			1		1	1					
FOG-2687	Taco Bell #16498	4854 N. Broadway Street		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2677	Taco Bell #19292	5322 Millertown Pike		Medium	none	1000	1		1			1	0					
FOG-2588	Taco Bell #2302	4413 Western Avenue		High	none	1500	1		1			1	0					
FOG-2589	Taco Bell #29014	1900 Cumberland Avenue		High	none	1500	1		1			1	0					
FOG-2593	Taco Bell #29053	8615 Walbrook Drive		Unacceptable	none	1000	1		1			1	0		Y	GCE malfunction		
FOG-2697	Taco Bell #29057	7211 Strawberry Plains Pike		Medium	none	1000	3			3		3	3					
FOG-2590	Taco Bell #29068	6504 Chapman Highway		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2667	Taco Bell #29069	2085 N. Broadway Street		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2592	Taco Bell #9575	7414 Kingston Pike		High	none	1000	1			1		1	1					
FOG-2779	Taco Bell/West Town #21079	7600 Kingston Pike		Medium	40	none	1		1			1	0					
FOG-2606	Taco De Mexico	818 Beaumont Avenue B	NO	Low	20	none	1		1			1	0				FSF is closed.	
FOG-3388	Tangerine Japanese Restaurant	5328 Millertown Pike		High	none	1500	1			1		1	1					
FOG-2921	Taqueria Mexican Food	3701 Chapman Highway Suite B	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-3336	Target #151 Food Ave & Starbucks	8040 Ray Mears Blvd.		Medium	140	none	1		1			1	0					
FOG-3001	Target #2057	5405 Washington Pike		High	none	1500	1			1		1	1					
FOG-2194	Tate's Teenz & Tots	348 Castle Street	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-3154	Tate's Teenz & Tots	5304 Clinton Plaza Drive		Unacceptable	50	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-3521	Taylor Food & Deli	5708 Asheville Hwy.	NO	Low	40	none	1		1			1	0			No flow restrictor		
FOG-3384	Tazewell Pike Market	5417 Tazewell Pike		High	none	1000	1		1			1	0			Maintenance issues		
FOG-3051	TD Barbecue	5306 Middlebrook Pike	NO	Low	40	none	2		2			2	0				FSF is closed.	
FOG-2595	Tekoa Lounge	6659 Oak Ridge Hwy.	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-9523	Tennee Henry	1909 Cumberland Avenue	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2567	Tennessee Riverboat Co.	300 Neyland Drive		Unacceptable	50	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-12031	Tennessee RV Sales & Service	835 Huckleberry Springs Road	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2805	Tennessee Theatre	604 S. Gay Street		Medium	20	none	3		1	2		3	2					
FOG-2566	Tennova Physicians Regional Medical Center	900 E. Oak Hill Avenue		High	none	3000	1		1			1	0					
FOG-2599	Texas Roadhouse	120 Morrell Road		Medium	none	1500	1			1		1	1					
FOG-2600	Texas Roadhouse #5	3071 Kinzel Way		Medium	none	1500	1		1			1	0					
FOG-5795	Thai'an	7600 Kingston Pike		Medium	40	none	1			1		1	1					
FOG-1607	That Burger Joint	3001 Knoxville Center Drive	NO	Low	50	none	1		1			1	0				FSF is closed.	
FOG-9965	Three Bears Coffee Co.	1120 Sevier Avenue		Medium	40	none	2	1			1	1	0					40 lb. GT
FOG-2419	Three Brothers Pizza	200 W. Woodland Avenue	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2601	Three Ridges Golf Course	6101 Wise Springs Road		Unacceptable	none	500	1		1			1	0		Y	No flow restrictor		
FOG-1881	Three Rivers Market	1100 N. Central Street		High	none	1500	1		1			1	0					
FOG-4937	Thumbs Up Market	2400 E. Magnolia	NO	Low	none	none	1	1				1	0				No food production at facility.	
FOG-3769	Tienda Nony	204 Cedar Lane	NO	Low	30	none	1			1		1	1				FSF is closed.	
FOG-2755	Time Out Deli & Market	1500 Magnolia Avenue		Medium	100	none	3			2	1	2	2					100 lb. GT
FOG-2256	Time Warp Tea Room	1209 N. Central Street		Medium	8	none	2			2		2	2					
FOG-2514	Tin Roof, The	1915 Cumberland Avenue	NO	Low	none	1000	1			1		1	1				FSF is closed.	
FOG-3536	Tio Conejo	4406 N. Broadway Street		Medium	none	1500	1		1			1	0					
FOG-3201	Toddy's Backdoor Tavern	4951 Kingston Pike	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2860	Tomato Head	12 Market Square		High	none	1500	3		2	1		3	1					
FOG-3907	Tomato Head	7240 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-2656	Tomo Japanese Restaurant	7315 Kingston Pike		Unacceptable	120	none	2			2		2	2	1	Y	DW to GT or direct to sewer		
FOG-2604	Tracy's Restaurant	3913 Western Avenue		Unacceptable	40	none	1			1		1	1		Y	Insufficient GCE		
FOG-11302	Trailhead Bar	1317 Island Home Avenue	NO	Low	30	none	1	1				1	0		Y	DW to GT or direct to sewer		

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FOG-3029	Triangle Market	3700 Boyds Bridge Pike	NO	Low	20	none	1		1			1	0				No food production at facility.	
FOG-3779	Trinity Care Senior Living of Knoxville	4611 Asheville Highway		High	none	1500	2		2			2	0					
FOG-3085	Trio Café	13 Market Square		Medium	none	1500	6		3	2	1	5	2					1,500 gal. GI
FOG-2456	Tropical Smoothie Café	8008 Kingston Pike	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-5541	Tupelo Honey Café	1 Market Square		Medium	80	1300	3		2	1		3	1					
FOG-9625	TVA West Plaza Café	400 W. Summit Hill Drive		Medium	none	2000	1				1	0	0					2,000 gal. GI
FOG-5480	Twin Peaks - DEEP GI	135 Northshore Drive		High	none	2500	1			1		1	1					
FOG-11309	Twisted Mike's Tap Room	7125 Kingston Pike		Medium	none	none	1	1				1	0		Y			
FOG-3266	Two Sister's Sandwiches and Sweets	7419 Middlebrook Pike	NO	Low	40	none	2		2			2	0				FSF is closed.	
FOG-2607	Union Jacks	124 S. Northshore Drive		Unacceptable	none	none	1		1			1	0		Y	DW to GT or direct to sewer.		
FOG-10810	Unique Bread Bakery	1842 Cumberland Avenue		Medium	200	none	2	1			1	1	0					200 lb. GT
FOG-2608	Upper Crust, The	800 S. Gay Street	NO	Low	8	none	1		1			1	0				FSF is closed.	
FOG-10179	Upper Crust, The	800 S. Gay Street	NO	Low	8	none	4	1	3			4	0				FSF is closed.	
FOG-10191	Uptown Bar & Grill	1912 Cumberland Avenue		Medium	none	1500	2		2			2	0					
FOG-9608	UT Conference Center	600 Henley Street		Unacceptable	500	none	1		1			1	0		Y	DW to GT or direct to sewer No flow restrictor Maintenance issues		
FOG-6932	UT Fred Brown Hall - Subway	2117 Andy Holt Avenue		Unacceptable	30	none	1			1		1	1		Y	No flow restrictor		
FOG-6935	UT Fred Brown Hall - Twisted Taco	2117 Andy Holt Avenue		Medium	30	none	1			1		1	1					
FOG-6843	UT Hess Hall - Dipper's	1720 Melrose Place		Unacceptable	20	none	1			1		1	1		Y	No flow restrictor Insufficient GCE		
FOG-6934	UT Hodges Library - Starbucks	1015 Volunteer Boulevard		Unacceptable	none	none	1			1		1	1		Y	DW to GT or direct to sewer		
FOG-2901	UT Hospital	1924 Alcoa Highway Box 48		Medium	none	6000	1		1			1	0					
FOG-3072	UT Mable's Café	2640 Morgan Circle		Medium	none	1500	1		1			1	0					
FOG-3071	UT Morrill Hall Kitchen	1038 Twentieth Street		Medium	none	3000	1		1			1	0					
FOG-3078	UT Presidential Court Bakery	1017 Francis Street		Medium	none	1500	1			1		1	1					
FOG-3070	UT Presidential Court Cafeteria	1017 Francis Street		High	none	3000	1			1		1	1					
FOG-2738	UT Quiznos & Dunkin Donuts	1517 White Avenue		Medium	none	1000	2		2			2	0					
FOG-4929	UT Raising Cane & Panda Express	1655 Cumberland Avenue		Medium	none	2000	1			1		1	1					
FOG-3356	UT Southern Kitchen (aka Vol Hall)	1527 White Avenue		High	none	3000	1		1			1	0					
FOG-3075	UT Strong Hall	1621 Cumberland Avenue	NO	Low	none	4500	1		1			1	0				FSF is closed.	
FOG-3074	UT Student Union Building	1502 Cumberland Avenue		Unacceptable	none	3000	1		1			1	0		Y	GCE malfunction Maintenance issues		
FOG-3077	UT Thompson Boling Arena	1600 Phillip Fulmer Way		Medium	none	3000	1		1			1	0					
FOG-3079	UT Welcome Center	2704 Neyland Drive		Medium	none	1500	1		1			1	0					
FOG-10205	Velota Group, LLC	314 S. Gay Street		Medium	none	1500	1				1	0	0				FSF not open yet.	1,500 gal. GI
FOG-2817	Village Bakery	6202 Chapman Highway		Medium	200	none	1		1			1	0					
FOG-10084	Village Café and Grill	2601 E. Governor John Sevier Highway		Medium	none	1500	1	1				1	0					
FOG-2610	Vine Middle Magnet School	1807 Martin Luther King, Jr. Avenue		Medium	none	1000	1		1			1	0					
FOG-5862	Vinny's Market and Deli	941 Virginia Avenue		Unacceptable	20	none	2			2		2	2		Y	No flow restrictor		
FOG-3518	Virginia College	5003 N. Broadway Street	NO	Low	none	none	1		1			1	0				No food production at facility.	
FOG-2719	Vol Market #3	3400 Western Avenue		Medium	40	none	1		1			1	0					
FOG-11468	Vol-N-Beers	3846 Martin Mill Pike		Unacceptable	30	none	1	1				1	0		Y			
FOG-6183	Vol-N-Beers on the River	1317 Island Home Avenue	NO	Low	30	none	1			1		1	1				FSF is closed.	
FOG-3131	Volunteer Ministry Center	511 N. Broadway Street		High	none	2000	1		1			1	0					
FOG-6175	Waffle House	103 Stekoa Lane		High	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-2612	Waffle House # 447	5416 Asheville Highway		High	none	1500	1		1			1	0					
FOG-2611	Waffle House #1105	7414 Strawberry Plains Pike		Medium	none	1500	2			2		2	2					
FOG-2615	Waffle House #293	6230 Papermill Road		High	none	2000	2		1	1		2	1					
FOG-2614	Waffle House #766	119-A Cedar Lane		High	none	1000	1		1			1	0					
FOG-9246	Wagon Wheel, The	115 S. Central Street	NO	Low	none	none	1	1				1	0				No food production at facility.	
FOG-2849	Wallace Memorial Baptist Church	701 Merchants Drive		Unacceptable	200	none	1			1		1	1		Y	DW to GT or direct to sewer No flow restrictor Deteriorating		
FOG-2894	Walmart & McDonalds in WM	3051 Kinzel Way		Medium	none	2000	1			1		1	1					
FOG-2884	Walmart & Subway	8445 Walbrook Drive		Medium	none	2500	1		1			1	0					
FOG-2644	Wasabi Japanese Steak House	118 Major Reynolds Place		High	none	1500	1		1			1	0					
FOG-3191	Washington Pike Methodist Church	2241 Washington Pike		Unacceptable	none	100	1			1		1	1				One manhole	
FOG-1635	Weigel's #11	1700 Merchant Drive		Medium	40	none	1			1		1	1					
FOG-3127	Weigels #12	5621 Western Avenue		High	none	1500	1		1			1	0					
FOG-10136	Weigel's #15	6927 Kingston Pike		Medium	none	1500	1				1	0	0				FSF not open yet.	1,500 gal. GI
FOG-2952	Weigel's #22	3900 Pleasant Ridge Road		High	40	none	1		1			1	0					
FOG-2847	Weigel's #43	4750 Middlebrook Pike		Unacceptable	8	none	2			2		2	2		Y	Insufficient GCE Maintenance issues		
FOG-2207	Weigel's #60	5904 Washington Pike		High	none	1000	1		1			1	0					
FOG-1989	Well, The	4620 Kingston Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2617	Wendy's # 13	1816 Cumberland Avenue		Unacceptable	none	1000	3			3		3	3		Y	One manhole		
FOG-2616	Wendy's #12	3000 N. Broadway Street		High	none	1000	1		1			1	0					
FOG-2618	Wendy's #24	7407 Strawberry Plains Pike		High	none	1000	2		1	1		2	1					
FOG-2359	Wendy's #28	2904 Knoxville Center Drive		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2619	Wendy's #31	8305 Kingston Pike		Medium	none	2000	1		1			1	1					
FOG-2620	Wendy's #34	4407 Western Avenue		Unacceptable	none	1000	1		1			1	0		Y	GCE malfunction		
FOG-2263	Wendy's #4	2401 Chapman Highway		High	none	1000	3			3		3	3					
FOG-2621	Wendy's #41	6201 Asheville Highway		Medium	none	1000	1		1			1	0					
FOG-9432	We're Cooking	7600 Kingston Pike		Medium	40	none	2		1	1		2	1					
FOG-10686	We're Cooking	1927 Cumberland Avenue		Medium	140	none	3	1	1	1		3	1					

PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (lbs.)	Interceptor Size (gallons)	Total Inspections	Initial Inseptions	Routine Inspections	Follow-up Inspections	Installation Inspection	Inspection Letters	NONCs	NOVs	GCE Under Review	GCE Potential Concern	Comments	GCE Installed during 2015
FOG-0018	West End Academy	5311 McKamey Road	NO	Low	none	none	1		1			1	0				No food production.	
FOG-2622	West End Church Of Christ	8301 E. Walker Springs Road	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-2623	West Haven Elementary School	3620 Sisk Road		Medium	none	2000	1		1			1	0					
FOG-2624	West High School	3326 Sutherland Avenue		Medium	none	3000	1		1			1	0					
FOG-2626	West Hills Baptist Church	409 N. Winston Road		Medium	none	2000	1	1				1	0					
FOG-2627	West Hills Elementary School	409 Vanosdale Drive		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-3021	West Lonsdale Baptist Church	2720 Dayton Street		High	1500	none	1		1			1	0					
FOG-2628	West Town Mall	7600 Kingston Pike		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2629	West View Elementary School	1714 Mingle Avenue		Medium	none	1000	1		1			1	0					
FOG-5333	Western Heights Baptist Center	1230 W Scott Ave.		Medium	70	none	1		1			1	0					
FOG-10139	Westmoreland Health and Rehabilitation Facility	5837 Lyons View Pike		Medium	none	3000	1	1				1	0					
FOG-3173	Westside Learning Center	531 Vanosdale Road		Low	40	none	2	1			1	1	0					40 lb. GT
FOG-9168	Whiskey River Wild	1645 Downtown West Boulevard	NO	Low	none	2000	1	1				1	0				FSF is closed.	
FOG-2633	Whittle Springs Golf Club Snack Bar	3113 Valley View Road		High	20	none	1			1		1	1					
FOG-2797	Whittle Springs Middle School	2700 White Oak Lane		Medium	none	1500	1		1			1	0					
FOG-5734	Whole Foods Grocery	6730 Papermill Drive		High	none	3000	3	1	1		1	2	0					3,000 gal. GI
FOG-11409	Wild Love Bakehouse	1625 N. Central Street		Medium	none	none	1				1	0	0					1,500 gal. GI
FOG-3249	Williams-Sonoma #806	7600 Kingston Pike		Unacceptable	70	none	1			1		1	1	Y		DW to GT or direct to sewer		
FOG-9158	Willy's Butcher Shop	5115 Homberg Drive		Unacceptable	none	none	1			1		1	1	Y		No flow restrictor		
FOG-2942	Wing Zone	2121 Cumberland Ave Suite 102	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-3344	Wings Xpress	5227 Clinton Highway		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-10126	Wingstop	4865 N. Broadway Street Suite 2		High	none	2000	2	1			1	1	0					2,000 gal. GI
FOG-2634	Wishbones	4808 Clinton Highway		Unacceptable	none	1000	1			1		1	1				One manhole	
FOG-2843	Wishbones #2	2701 Magnolia Avenue	NO	Low	none	1000	1		1			1	0				FSF is closed.	
FOG-1979	Wok Chow	4612 Kingston Pike		Medium	none	1500	1		1			1	0					
FOG-3076	Wok Hay	120 Merchants Road	NO	Low	none	1500	1		1			1	0				FSF is closed.	
FOG-2855	Wok-N-Roll	2828 E. Magnolia Avenue		High	none	1000	1		1			1	0					
FOG-3058	Woodland Mart and Deli	198 W. Woodland Avenue	NO	Low	40	none	1			1		1	1				FSF changed ownership.	
FOG-10629	Woodland Mart and Deli	200 W. Woodland Avenue		Unacceptable	40	none	1			1		1	1	Y		No flow restrictor Maintenance issues		
FOG-9252	Woodlands Indian Restaurant	8520 Kingston Pike		Unacceptable	none	1000	2	1	1			2	0				One manhole	
FOG-2665	Wright's Cafeteria	5403 Middlebrook Pike		Unacceptable	80	none	1		1			1	0	Y		DW to GT or direct to sewer		
FOG-2733	XYZ Club	1215 N. Central Street		Low	none	none	1		1			1	0					
FOG-9210	Yassin's Falafel House	706 Walnut Street		High	100	none	5		1	3	1	4	3					100 lb. GT
FOG-3797	Yogli Mogli	7240 Kingston Pike	NO	Low	40	none	1		1			1	0				FSF is closed.	
FOG-2389	Young Chef Academy	120 Jack Dance Street	NO	Low	none	none	1		1			1	0				FSF is closed.	
FOG-4160	Yummy Yummy Teriyaki	4409 Chapman Highway Suite R		Medium	none	1000	1			1		1	1					
FOG-3030	YWCA (Phyllis Wheatley Center)	124 Cruze Street		High	40	none	1		1			1	0					
FOG-5271	Zaxby's #48701	6913 Kingston Pike		High	none	2000	1			1		1	1					
FOG-3102	Zaxby's Restaurant	2024 Cumberland Avenue		High	none	1500	1		1			1	0					
FOG-9891	Zeke's Bar & Grill	1604 N. Sixth Avenue		Unacceptable	40	none	1		1			1	0	Y		No flow restrictor		
FOG-3767	Zoe's Kitchen	6638 Kingston Pike		High	none	1500	1			1		1	1					
			Total # of FSFs Inspected* =	1097	Unacceptable =	231	Total Counts	1569	107	714	672	76	1494	672	8	211		
					High =	280												
			Permitted FSFs =	867	Medium =	346												
			Non-permitted FSFs =	230	Low =	240												
			GCE - Grease Control Equipment															
			GI - Grease Interceptor															
			GT - Grease Trap															

*Number of total FSFs inspected includes facilities that may have changed ownership during 2015

Appendix A

	Date of SSO	Address	SSO	Building Backup	Grease	Grease & Roots	Grease & Debris	Grease & I & I	Grease, Roots & Debris	Customers in Area	Letters Mailed	* Cans, Bags Mailed	Residential Only	Residential, Commercial	# of Feet Cleaned	BA Frequency	Comments
1	1/12/2015	4429 Oakbank Lane (Lateral Cleanout and SSO/BBU) Residential Only SSO/BBU	Yes	Yes	Yes	-	-	-	-	158	158	158	Yes	-	690	12	
2	2/8/2015	2021 Cumberland Avenue (Lateral Cleanout) Commercial Only SSO	Yes	No	Yes	-	-	-	-	2	0	0	-	-	166	12	
3	2/10/2015	3547 Talahi Drive (MH-54) Residential Only SSO	Yes	No	-	-	Yes	-	-	33	33	33	Yes	-	567	6	
4	2/10/2015	4424 Mascarene Road (MH 6-102) Residential Only SSO	Yes	No	Yes	-	-	-	-	293	293	293	Yes	-	145	12	
5	2/10/2015	1007 W. Parkway Avenue (MH-57-8) Residential Only SSO	Yes	No	Yes	-	-	-	-	81	81	81	Yes	-	103	24	
6	3/24/2015	601 Van Street (MH 19-262) Commercial Only SSO	Yes	No	Yes	-	-	-	-	4	0	0	-	-	1008	6	
7	4/2/2015	4208 Mascarene Road (MH 5-12) Commercial and Residential SSO	Yes	No	Yes	-	-	-	-	160	159	159	-	Yes	150	12	
8	4/8/2015	1540 Jourolman Avenue (MH 6-194) Commercial and Residential SSO/BBU	Yes	Yes	-	-	Yes	-	-	507	496	496	-	Yes	563	3	
9	4/15/2015	800 E. Inskip Drive (MH 29-59) Commercial and Residential SSO	Yes	No	Yes	-	-	-	-	435	432	432	-	Yes	604	12	
10	8/2/2015	812 Greenmeadows Drive (MH 21-2) Commercial Only SSO	Yes	No	-	Yes	-	-	-	13	13	13	Yes	-	866	24	
11	8/29/2015	2752 Big Fork Way (MH 48-55) Residential Only SSO	Yes	No	Yes	-	-	-	-	107	107	107	Yes	-	620	12	
12	11/11/2015	1401 Cassell Drive (MH 14-103) Commercial and Residential SSO	Yes	No	Yes	-	-	-	-	130	124	124	-	Yes	880	3	
13	11/13/2015	600 Citico Street (MH 60-4) Commercial and Residential SSO (initially reported as 1925 Ailor Avenue)	Yes	No	Yes	-	-	-	-	11	7	7	-	Yes	1012	6	
14	11/16/2015	325 Union Street Commercial and Residential BBU	No	Yes	Yes	-	-	-	-	84	40	40	-	Yes	232	6	
15	11/22/2015	2906 S. Haven Road (MH 24-141) Residential Only SSO	Yes	No	Yes	-	-	-	-	38	38	38	Yes	-	277	6	
16	12/7/2015	4523 N. Wahli Dr. (MH 38 and cleanouts) Commercial and Residential SSO	Yes	No	Yes	-	-	-	-	427	422	422	-	Yes	387	12	
17	12/19/2015	4429 Oakbank Lane - Lateral Cleanout	Yes	No	Yes	-	-	-	-	18	17	17	-	Yes	690	6	
Totals										2501	2420	2420			8960		

Appendix B

**Pump Station
Maintenance Activities and Schedule**

**Pump Station
Maintenance Activities and Schedule
2015**

FACILITY & EQUIPMENT UPGRADES

1. Pelham Pump Station replacement – In Process
2. Eastwood Pump Station replacement – Complete
3. McNutt Pump Station replacement – Complete
4. Power Park Pump Station replacement – Complete
5. Cheowa Pump Station replacement – In Process
6. Burlington Pump Station replacement – In Process
7. Mascot Pump Station replacement – In Process
8. Three Points Pump Station replacement – In Process
9. Smithland Pump Station replacement – In Process
10. Lyons View Pump Station replacement – In Process
11. National Drive Pump Station replacement – In Process
12. Schaad Road Pump Station replacement – In Process

SYSTEM STUDIES

1. SCADA System and Communication protocol study – Ongoing

FACILITY INSPECTIONS

1. 4,197 scheduled facility Condition Assessments and Preventative Maintenance tasks conducted by SMSP

OUTSIDE SUPPORT

1. SMSP has performed pump efficiency tests at various facilities for capacity assurance and flow monitoring purposes. SMSP has provided CDM with efficiency test data from various facilities for modeling purposes.
2. SMSP maintains flow meters and uses these meters for various purposes. SMSP has provided CDM with flow meter data from various facilities for modeling purposes.
3. System Operations SCADA maintains a run-time archive for Wastewater Pump Stations. This information is pulled from the SMSP maintained SCADA system as it pertains to pump stations. Various facility run-time data continues to be provided to CDM for modeling purposes.

SMSP Preventive/Predictive Maintenance Activities and Frequencies

<u>Standard Job</u>	<u>Standard Job Description</u>	<u>Frequency (In days)</u>
RSGN	General Inspection	3.5 - 14
RSFAC	Facility Inspection - Wastewater	3.5 - 14
RSCRA	Crane Inspection	365
RSMML	Milltronics Inspection	730
RSMMC	Motor control/electrical inspection	730
RSLASI	Alarm status (SCADA) inspection	730
RSFM	Flowmeter inspection	730
RSBPV	Back flow preventer inspection	365
RSCRH	Crane inspection - routine	30
RSEP	Electric panel inspection	730
RSSS	Soft starter inspection	730
RSACMP	Air compressor inspection	730
RSVFD	VFD Inspection	730
RSMME	Muffin monster inspection	730
RSPM1	Pump inspection - Wastewater	730
RSPM2	Sump pump inspection	730
RSCC	Climate control inspection (Heaters/fans)	180
RSML	Motorized louver inspection	180
RSDHM	Dehumidifier inspection	730
RSLER	Emergency lights inspection - monthly	30
RSELA	Emergency lights inspection - annual	365
RSBDPA	Belt drive pump inspection	730
RSGNPM	Generator inspection	30
RSCFI	Chemical feed inspection	30
RSLET	Pump efficiency testing - Wastewater	730
RSPTC	Transducer calibration	730
RSOS	Odorant sampling	30
RSFMM	H2S / PH monitoring	30
RSLVA / RSBVA	Vibration analysis	90
RSMRC	Master radio inspection	30
RSGNA	Generator inspection	365
RSWWI	Winterize station - Wastewater	365

Appendix C

Summary Table of Pump Stations Using Chemical Injection and Odor Control

KUB Wastewater Facility Chemical Feed System Information (2015 Update)

CHEMICAL INJECTION

Facility	Address	Odor control type	Chemical Name	Tank Size	Comments
Ball Road	4923 Ball Road	Chemical injection	Oxy-Six	4400 Gal	
Boyd's Bridge SuperOx	3818 Boyd's Bridge Pike	Chemical injection	Oxygen		
Easton Meadows	7224 Rising Road	Chemical injection	Calcium Hypochlorite	55 Gal Drums	
Eastwood	740 Bagwell Lane	Chemical injection	Oxy-Six	4400 Gal	
Ellistown	1909 Ellistown Road	Chemical injection	Oxy-Six	4400 Gal	Not Injecting Chemical Now
Forks SuperOx	5051 National Drive	Chemical injection	Oxygen		
Gazebo	3516 Ginn Drive	Chemical injection	Oxy-Six	4400 Gal	Not Injecting Chemical Now
Governors Landing	5400 Garden Crest Trail	Chemical injection	Oxy-Six	4400 Gal	Not Injecting Chemical Now
Holston Hills	4800 River Place Drive	Chemical injection	Oxy-Six	4400 Gal	
Kohls	5312 Washington Pike	Chemical injection	Calcium Hypochlorite	55 Gal Drums	
Maloneyville	4800 Maloneyville Road	Chemical injection	Oxy-Six	4400 Gal	
Neubert Springs	5941 Neubert Springs	Chemical injection	Oxy-Six	4400 Gal	
Power Park	3180 Power Drive	Chemical injection	Oxy-Six	4000 Gal	
Roberts Road	5300 Roberts Road	Chemical injection	Calcium Hypochlorite	55 Gal Drums	Not Injecting Chemical Now
Shiptown	2124 Shiptown Road	Chemical injection	Oxy-Six	4400 Gal	Summer Only
Walker Springs	310 Broome Road	Chemical injection	Oxy-Six	4400 Gal	
Washington Pike	8515 Washington Pike	Chemical injection	Oxy-Six	4400 Gal	
Wayland Road	1900 Wayland Road	Chemical injection	Oxy-Six	4400 Gal	
Woodlands	1045 Tree Top Way	Chemical injection	Calcium Hypochlorite	55 Gal Drums	Not Injecting Chemical Now
Woodson Drive	2416 Woodson Drive	Chemical injection	Oxy-Six	4400 Gal	

KUB Wastewater Facility Odor Control System Information (2015 Update)

ON-SITE ODOR CONTROL

<u>Facility</u>	<u>Address</u>	<u>Odor control type</u>	<u>Chemical Name</u>	<u>Tank Size</u>	<u>Comments</u>
Ball Road	4923 Ball Road	Charcoal scrubber	Purafill Media		
Casa Bella	4633 Bella Capri Lane	Charcoal scrubber	Purafill Media		
Clinton Highway	6564 Clinton Highway	Charcoal scrubber	Purafill Media		
Dogwood	Dogwood Drive	Charcoal scrubber	Purafill Media		
Duncan Glen	6742 Duncan Road	Charcoal scrubber	Bay Products Media		
Easton Meadows	7224 Rising Road	Charcoal scrubber	Purafill Media		
Eastwood	740 Bagwell Road	Charcoal scrubber	Purafill Media		
Ellis Road	212 Ellis Road	Charcoal scrubber	Bay Products Media		
Ellistown	1909 Ellistown Road	Charcoal scrubber	Bay Products Media		
Gazebo	3516 Ginn Drive	Charcoal scrubber	Purafill Media		
Ginnbrooke	2907 Ginnbrooke Lane	Charcoal scrubber	Bay Products Media		
Governors Landing	5400 Garden Crest Trail	Charcoal scrubber	Bay Products Media		
Harrison Keepe	2122 Houser Road	Charcoal scrubber	Bay Products Media		
Lake Forest	5701 RockHeaven Road	Charcoal scrubber	Bay Products Media		
Lower First Storage	1502 N. Sixth Avenue	Charcoal scrubber	Bay Products Media		
Meadow Oaks	5916 Meadow Oaks Ln .	Charcoal scrubber	Bay Products Media		
Millertown	5800 Millertown Pike (Vincinda Cir)	Charcoal scrubber	Purafill Media		
Neubert Springs	5915 Neubert Springs	Charcoal scrubber	Bay Products Media		
Riverview Park	3221 Holston Hills Road	Charcoal scrubber	Bay Products Media		
Roberts Road	5300 Roberts Road	Charcoal scrubber	Bay Products Media		
Third Creek Storage	4505 Middlebrook Pike	Charcoal scrubber	Bay Products Media		
Three Points	8530 Three Points Road	Charcoal scrubber	Purafill Media		
Upper First Storage	4719 Old Broadway	Charcoal scrubber	Bay Products Media		
Walker Springs	310 Broome Road	Charcoal scrubber	Bay Products Media		
Walker Springs Storage	608 Walker Springs Road	Charcoal scrubber	Bay Products Media		
Washington Pike	8515 Washington Pike	Charcoal scrubber	Bay Products Media		
Woodlands	1045 Tree Top Way	Charcoal scrubber	Bay Products Media		

Appendix D

Pump Station and Storage Facility Sample Inspection Checklists



Checklist: Wastewater Lift Station Inspection

Core Process: SMSP Preventive Maintenance
Department: System Operations, 81
Owner: SMSP Supervisor

Document Status: Issued
Approved by: Brad Brummett
Issued Date: 6/3/2009

Facility name _____ Date _____

Performed by _____

Preventive maintenance work order _____

Quarterly detailed inspection Annual performance inspection

Tip This checklist can be used as a guide for monthly inspections but is not required to be completed while conducting a monthly inspection.

► **To complete a wastewater lift station maintenance inspection, check the following areas or equipment:**

NA

- 1. Grinder Well and Screen Room
 - Hatches and safety grating
 - Entrance door(s) and locking mechanisms
 - Hydraulic equipment
 - Slide gate(s) or valve(s)
 - Actuator(s)
 - Guide rail(s) or lifting mechanisms
 - Level transmitter(s)
 - Grinder #1: run time: _____
 - Grinder #1 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
 - Grinder #2: run time: _____
 - Grinder #2 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
 - Milltronics card updates (annual insp only)
 - Walking surfaces
 - Lighting
 - Ventilation
 - Float switches(s) – dry well and wet well
 - Cleanliness
 - Fall safety device

- 2. Wet Well and Pump Room
 - Hatches and safety grating
 - Entrance door(s) and locking mechanisms
 - Slide gate(s) or valve(s)
 - Guide rail(s) or lifting mechanisms
 - Walking surfaces
 - Float switches(s) – dry well and wet well
 - Fall safety device
 - Actuator(s)
 - Level transmitter(s)
 - Submersible pressure transducer
 - Milltronics card updates (annual insp only)
 - Lighting
 - Ventilation
 - Cleanliness
 - Sump pump(s) and check valve(s)
 - Pressure instrumentation
 - Static pressure _____
 - Piping and drainage

NA

- Pump Efficiency Test (**Note** Perform flow meter test in conjunction with the pump efficiency test.)
- Pump #1: run time: _____
- Pump #2: run time: _____
- Pump #3: run time: _____
- Pump #4: run time: _____
- Motor #1 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
- Motor #2 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
- Motor #3 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
- Motor #4 amperage reading: A (phase)_____ B (phase)_____ C (phase)_____
- Check valve(s)

3. Valve Vault or Pump Room Valving

- Hatches and safety grating
- Isolation valve(s)
- Air release valve(s)
- Sump pump(s) and check valve(s)
- Walking surfaces
- Float switches(s) – dry well or wet well
- Fall safety device
- Lighting
- Ventilation
- Cleanliness
- Check valve(s)
- Pressure instrumentation
- Static pressure _____
- Dynamic pressure _____
- Piping and drainage

4. Effluent Meter - Vault

- Hatches and safety grating
- Isolation valve(s)
- Sump pump(s) and check valve(s)
- Walking surfaces
- Float switches(s) – dry well or wet well
- Lighting
- Ventilation
- Cleanliness
- Piping and drainage
- Flow meter and signal converter
- Effluent meter totalizer: _____

5. Odor Control

- Chemical feed enclosure and components
- Chemical storage containment
- Chemical feed tank: level (ft.)_____
- Chemical feed rate: gallons/day_____
- Terminal manhole monitoring:
Nitrate_____
- Hydrogen sulfide_____
- pH_____
- Chemical feed building
- Chemical feed piping and valve(s)
- Carbon vessel and media sample (air scrubber)
- Eyewash Station

NA

- 6. Electrical Building, Control Panel, SCADA Panel, and Related Equipment
 - SCADA panel
 - Note** Initiate this task when you first arrive, so you are testing the UPS unit while doing other tasks.
 - SCADA test log sheet (annual insp only)
 - Climate control
 - Emergency transfer switch
 - TVSS monitor (indication lights)
 - Lighting
 - Ventilation
 - Cleanliness
 - Motor control center components

- 7. Site Miscellaneous
 - Emergency lighting
 - Exterior lighting
 - Generator
 - Miscellaneous control panels
 - Security
 - Overhead crane
 - Signs and placards
 - Site aesthetics
 - Backflow preventer
 - Air compressor (s) – pressure vessels
 - Air compressor (s) – Control Setpoints Form
 - Air compressor (s) – Regulator Setpoints Form
 - Yard hydrant

Comments: _____

Important If any discrepancies are found, notify SMSP or appropriate personnel.



Form: Pump Efficiency Testing

Core Process: SMSP Preventive Maintenance

Department: Systems Operations, 81

Owner: SMSP Supervisor

Document Status: Issued

Approved by: Brad Brummett

Issued Date: 3/17/2004

Performed by _____ Date _____
Facility _____

1.0 WETWELL INFORMATION

(Length _____ x Width _____ x Depth _____) = Total Volume _____
(0.785 x Dia. _____ x Dia. _____ x Depth _____) = Total Volume _____
(Total Volume _____ x 7.48) = Total Gallons _____
(Total Gallons _____ / Depth _____) = Gallons per foot _____

Important Wetwell type depicts which volume formula to use (Cylindrical or Square/Rectangular).

2.0 TESTING

To complete this testing form, you must conduct three inflow measurements and three drawdown measurements that will be timed for one minute to obtain the most accurate data. When applicable, take readings from the Milltronics Level Control Unit when performing inflow and drawdown measurements.

If you are using a tape measure to obtain level readings, convert all inch readings to feet before completing the calculations.

2.1 INFLOW TESTING

To obtain the correct difference, record the second reading at the top.

	Test 1		Test 2		Test 3
Second	_____		Second	_____	Second _____
Initial	_____		Initial	_____	Initial _____
Difference	_____		Difference	_____	Difference _____
Calculate the average of the 3 measurements _____					
Average inflow	_____	x	Gallons per ft	_____	= Inflow GPM _____

2.2 DRAWDOWN TESTING

2.2.1 Pump #1

To obtain the correct difference, record the second reading at the top.

Test 1		Test 2		Test 3	
Second	_____	Second	_____	Second	_____
Initial	_____	Initial	_____	Initial	_____
Difference	_____	Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____
Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.2.2 Pump #2

To obtain the correct difference, record the second reading at the top.

Test 1		Test 2		Test 3	
Second	_____	Second	_____	Second	_____
Initial	_____	Initial	_____	Initial	_____
Difference	_____	Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____
Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.2.3 Pump Combination

Pumps involved _____

	Test 1		Test 2		Test 3	
Second	_____		Second	_____	Second	_____
Initial	_____		Initial	_____	Initial	_____
Difference	_____		Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____

Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.3 ADDITIONAL DRAWDOWN TESTING

If a facility has more than two pumps, use this section of the form to log the test results for the additional drawdown tests.

2.3.1 Pump #3

	Test 1		Test 2		Test 3	
Second	_____		Second	_____	Second	_____
Initial	_____		Initial	_____	Initial	_____
Difference	_____		Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____

Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.3.2 Pump #4

Test 1		Test 2		Test 3	
Second	_____	Second	_____	Second	_____
Initial	_____	Initial	_____	Initial	_____
Difference	_____	Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____

Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.3.3 Pump Combination

Pumps involved _____

Test 1		Test 2		Test 3	
Second	_____	Second	_____	Second	_____
Initial	_____	Initial	_____	Initial	_____
Difference	_____	Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____

Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____

2.3.4 Pump Combination

Pumps involved _____

	Test 1		Test 2		Test 3	
Second	_____		Second	_____	Second	_____
Initial	_____		Initial	_____	Initial	_____
Difference	_____		Difference	_____	Difference	_____

GPM

Calculate the average of the 3 measurements _____

Avg drawdown _____ x Gals per ft _____ = Drawdown GPM _____

Drawdown GPM _____ + Inflow GPM _____ = Total pump capacity GPM _____

Pressure Readings (Discharge and Suction / Pump ON)

Pump ON discharge PSI reading _____ Pump ON suction PSI reading _____

Motor amperage readings

A Phase _____ B Phase _____ C Phase _____



Checklist: Wastewater Storage Facility Inspection

Core Process: SMSP Preventive Maintenance
Department: System Operations, 81
Owner: SMSP Supervisor

Document Status: Issued
Approved by: Brad Brummett
Issued Date: 6/3/2009

Facility name _____ Date _____

Performed by _____

Preventive maintenance work order _____

Quarterly detailed inspection Annual performance inspection

Tip This checklist can be used as a guide for monthly inspections but is not required to be completed while conducting a monthly inspection.

► **To complete a wastewater storage facility maintenance inspection, check the following areas or equipment:**

NA

- 1. Diversion Structure
 - Security
 - Hatches and safety grating
 - Slide gate(s) or valve(s)
 - Level transmitter (s)
 - Site aesthetics
 - Actuator(s)
 - Cleanliness

- 2. Grinder Well
 - Hatches and safety grating
 - Actuator(s)
 - Level transmitter(s)
 - Grinder #1: run time _____
 - Grinder #2: run time _____
 - Grinder #3: run time _____
 - Slide gate(s) or valve(s)
 - Guide rail(s) and lifting mechanisms
 - Cleanliness

- 3. Wet Well(s)
 - Hatches and safety grating
 - Actuator(s)
 - Level transmitter(s)
 - Pump #1: run time _____
 - Pump #2: run time _____
 - Pump #3: run time _____
 - Pump #4: run time _____
 - Pump #5: run time _____
 - Pump #6: run time _____
 - Sump Pump #1: run time _____
 - Sump Pump #2: run time _____
 - Slide gate(s) or valve(s)
 - Guide rail(s) and lifting mechanisms
 - Float switch(s) – high and/or low
 - Cleanliness

NA

- 4. Valve Vault
 - Hatches and safety grating
 - Lighting
 - Ventilation
 - Isolation valve(s)
 - Air release valve(s)
 - Walking surfaces
 - Structures (catwalk)
 - Cleanliness
 - Entrance door(s) and locking mechanisms
 - Check valve(s)
 - Pressure instrumentation
 - Piping and drainage

- 5. Influent Meter Vault
 - Hatches and safety grating
 - Lighting
 - Ventilation
 - Isolation valve(s)
 - Pressure Instrumentation
 - Cleanliness
 - Entrance door(s) and locking mechanisms
 - Influent meter totalizer_____
 - Flow meter and signal converter
 - Actuator(s)
 - Piping and drainage
 - Drain valve
 - Walking surfaces

- 6. Effluent Meter Vault
 - Hatches and safety grating
 - Lighting
 - Ventilation
 - Isolation valve(s)
 - Cleanliness
 - Entrance door(s) and locking mechanisms
 - Effluent meter totalizer_____
 - Flow meter and signal converter
 - Actuator(s)
 - Piping and drainage
 - Drain valve
 - Walking surfaces

- 7. Odor Control
 - LEL monitor(s)
 - Hydrogen sulfide monitor
 - Fan, dampers, louvers, and ductwork
 - Carbon vessel and media sample (air scrubber)
 - Magnehelic gauge: pressure drop_____

- 8. Electrical Building, Control Panel, SCADA Panel and Related Equipment
 - SCADA panel
 - Note** Initiate this task when you first arrive, so you are testing the UPS unit while doing other tasks.
 - SCADA test log sheet (annual insp only)
 - Climate control
 - Emergency transfer switch
 - Grinder control panel(s)
 - TVSS monitor (indicator lights)
 - Lighting
 - Ventilation
 - Cleanliness
 - Motor control center components

- 9. Storage Tank
 - Fall safety device
 - Handrail, hatches, & safety grating (annual only)
 - LEL monitor
 - Hydrogen sulfide monitor
 - Mixer #1: run time_____
 - Mixer #2: run time_____
 - Mixer #3: run time_____
 - Mixer #4: run time_____

Appendix E
Customer Information Guide

Understanding Your Bill

Your utility bill shows itemized charges for each service and has usage history graphs to help you better manage your utility costs. (The graphs show the dates your meter was read.) **For a sample bill, visit www.kub.org.**

Handy Payment Options

Sign up online or on your bill for these payment options:

- Levelized Billing recalculates your bill each month using a rolling 12-month average to “level out” seasonal swings from very hot or cold weather. *[Free option.]*
- SelectPay allows you to draft multiple payments during the month online or by phone. *[Free option.]*
- AutoPay drafts your payment automatically from your bank on the bill due date. *[Free option.]*

You can also make a credit card payment online or by phone through Bill Matrix. Visit www.kub.org or call 1-800-405-7951. Bill Matrix charges a convenience fee.

Pay on Your Schedule at Convenient KUB Payment Kiosks

KUB PaySite kiosks give you more options on when and where to pay your bill. You also get real-time credit for kiosk payments—even on nights and weekends, when KUB Payment Centers are not open.

To start, scan your KUB bill stub or enter your 10-digit account number. Kiosks accept cash or checks. They do not give change—any over payment is credited to your KUB account. PaySite, the kiosk provider, charges a fee of \$1.95.

Kiosk Locations:

Quick Stop Open 6 a.m. to Midnight 315 Merchant Drive	KAT Transit Center Open per bus schedules 301 Church Avenue
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Food City Stores Open 6 a.m. to Midnight 7510 Asheville Highway 1950 Western Avenue 7608 Mountain Grove Drive 4344 Maynardville Highway* <i>(*Located in Maynardville)</i>	E-Z Stop Food Marts: Open 24 hours 8605 Walbrook Drive 9200 Kingston Pike 7503 Tazewell Pike 11311 Chapman Hwy.** <i>**Located in Seymour</i>
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CheckFreePay Option for KUB Bills at Area Walmart, Kmart, and Kroger Stores

You can now pay your KUB bill at all area Walmart, Kmart, and Kroger stores. The payment transaction fee is \$2, and your payment posts immediately. Check with a cashier at the participating stores for more information, or visit www.kub.org and click on the Pay Your Bill Here link under Tools and Tips.

Privacy Policy

KUB takes your privacy seriously. Under the Tennessee Public Records Act (Tennessee Code Annotated, 10-7-503), however, KUB must release some customer information to Tennessee citizens who request it. We **do not** release Social Security, bank account, or credit card numbers—or any information on customers who bring a valid protection document to a KUB payment center (*see locations on back*).

KUB Website Options

- Get a monthly e-mail alert when your bill is ready.
- Sign up for payment options so you can pay online or over the phone, anytime, from anywhere.
- Pay your bill and get online payment confirmation.
- Start or stop service.
- See tree pruning, construction, and electric outages maps. [You can also sign up for access to estimated restoration times for power outages.]
- Review a comprehensive guide to KUB tree pruning.
- Find money-saving tips and take a free online energy audit or learn about the TVA eScore™ Program.
- Sign up for Green Power.
- Visit the Environment section to learn about KUB’s Biosolids Beneficial Reuse Program, which turns wastewater treatment by-products into fertilizer.

Go Green by Going Paperless!

Going paperless is easy, and it’s good for the environment:

- It saves trees and reduces greenhouse gas emissions.
 - You can view/print your past 18 bills on the web.
 - You get monthly e-mails when your bill is ready.
 - You can make safe payments online or by phone.
- Go green: Sign up online now at www.kub.org.

Thank You, Round It Up Participants!

Under the Round It Up program that started May 1, 2015, KUB automatically rounds your bill to the next dollar and sends the change to the Knoxville-Knox County Community Action Committee (CAC). CAC uses the funds in its home-weatherization program for low-income citizens.

For less than \$1 a month, you are helping some of the most vulnerable families in our community—the elderly, the physically disabled, and families with small children.

Weatherization provides a root-cause solution to the ongoing problem of high energy bills. That leaves the families with more money for things like food and medicine. It also helps our environment by lowering energy use overall, making our community a better place to live and work.

If you ever decide not to participate, just call KUB at 524-2911 (choose option 6) or check “no” under Round It Up on the back of your KUB bill. To opt out online, log in to the My Account section of www.kub.org, go to Account Summary, and toggle Round It Up to “inactive.”

Keep Your Phone Number Up to Date

Update your number so KUB can access your account more quickly when you call, and so you can easily report outages on our automated system. See the back of your bill stub, call 524-2911, or go to kub.org and use the Contact Us form or see My Account, under the Service Location tab.

Contacting Us

Customer Information Center: 524-2911
Monday–Friday, 7 a.m.–6 p.m.

24-Hour Emergency Service: 524-2911

Call any time to report leaks or other emergencies. (Report outages directly to 1-800-250-8068.)

Automated Phone System: 524-2911

Using our automated phone system can save you time. *Tip:* Have your account or phone number handy so you can report an outage or emergency quickly and easily.

Contact Options on www.kub.org

Please use the Contact Us form and e-mail addresses below for non-emergency contacts only.

- Contact Us form: See top of home page on kub.org.
- Wastewater@kub.org for Wastewater System
- Trees@kub.org for Tree Pruning

Mailing Address

KUB, P.O. Box 59017, Knoxville, TN 37950-9017

Payment Centers

- 4218 Asheville Highway (Holston Shopping Ctr.): 8:30 a.m.–5 p.m., Monday through Friday
- 4428 Western Avenue (640 Plaza): 8:30 a.m.–5 p.m., Monday through Friday

Payment Kiosks: *For locations of kiosks that take after-hours payments (some open 24 hours a day), see inside.*



Share the Warmth All Year

Project Help takes donations all year to provide emergency energy assistance. See the back of your bill or www.kub.org to help share the warmth with those in need.

Esta información es muy importante.

Para obtener una versión en español de este folleto, llame a KUB al número de teléfono (865) 524-2911 y presione el número 2.



Please recycle! You can find environmental and recycling resources under the Environment tab on www.kub.org. CIDY16M2



Your Guide to Utility Resources



Electric

Natural Gas

Water

Wastewater



www.kub.org
m.kub.org

helpful customer information

Reporting Power Outages

KUB's electric service is extremely reliable. Power outages don't happen often and usually don't last long. Your power may go on and off several times, however, as the system automatically tries to compensate for things like tree limbs or animals on lines. For more information, visit www.kub.org and search for "Momentary Power Outages."

Knowing what to do before and during an outage lessens inconvenience and discomfort for you and your family.

Keep KUB's main phone number (524-2911) or the automated outage line (1-800-250-8068) handy for easy outage reporting. Be sure KUB has your current home phone number so you can use it to report your outage quickly through the automated system.

Follow the system's instructions for a touch-tone phone. For a rotary phone, use the voice-recognition feature.

Meter Reading

How often does KUB read my meter? KUB contractors read your meter about every 30 days. Due to weekends and holidays, the schedule will vary from 29 to 33 days.

Please note: KUB must have unrestricted access to its meters for accurate reading and routine safety inspections, testing, and maintenance. If you have a locked gate, pet, etc., that prevents access, please call 524-2911. KUB may disconnect service if access is routinely denied.

Are there some months when KUB doesn't read my meter? Yes. On rare occasions, when we are physically unable to read your meter, KUB uses a sophisticated computer program to project your utility consumption based on your previous usage and weather information. You can learn to read your meter at www.kub.org.

KUB Tree Pruning: A Customer Guide

Trees are beautiful and important to our environment. But trees too near power lines may cause outages—or electrocution hazards for KUB crews and the public.

KUB prunes trees to provide safe, reliable electric service. Our arborist-approved pruning methods help protect tree health.

For pruning options and photos of pruned trees, see our pruning guide and videos on www.kub.org. Free print copies of the guide are also available at KUB Payment Centers (*see the list on the back*) and from KUB foresters and tree crews in the field.

Questions? Please call our pruning hotline at 558-6658 weekdays, 7 a.m.–6 p.m., or e-mail trees@kub.org.

Safety

The safety of our customers, employees, the public, and the environment is KUB's primary concern. Below are tips to help ensure your safety around the services we provide.

Electric: Stay away from downed power lines and report them to KUB immediately at 524-2911. Keep ladders away from power lines, and teach children not to climb trees that grow into lines.

Natural Gas: Natural gas has no "natural" odor. KUB adds a harmless chemical with a distinctive "rotten egg" odor so you can detect even small amounts of natural gas. *See the enclosed scratch-and-sniff insert for the odor and safety tips.*

Natural gas leaks are dangerous. If you smell natural gas (inside or outside), don't use regular, cordless, or cell phones. Don't turn lights or appliances on or off or use any electrical devices (garage door openers, etc.). Don't use matches or lighters. Any of those could cause ignition.

Go to a location where you can't smell the odor, and call KUB at 524-2911. We will send a trained technician to perform a free leak investigation.

Don't re-enter the building or area until KUB tells you it is safe. Your safety is more important than possessions.

If you don't smell natural gas, you may hear or see clues:

- Sound: You may hear a blowing or hissing sound.
- Sight: You may see bubbling in wet or flooded areas, or flames if a leak ignites. Vegetation that is dead or discolored for no apparent reason may also be a sign.

Carbon Monoxide: Carbon monoxide (CO) is a colorless, odorless, potentially toxic gas produced by combustion. Natural gas appliances create CO at low levels and are not dangerous when properly vented. If you suspect a high CO level in your home, open windows immediately for ventilation and call 911. If you have symptoms of CO poisoning (nausea, fatigue, headaches, dizziness, confusion), leave and call 911 from another location. CO detectors are available at home improvement centers.

Water: Broken water lines can cause unsafe conditions. If a pipe bursts in your home, water can short-circuit an appliance, giving you an electrical shock. Breaks to home water lines should be repaired immediately by your plumber. A break in a large water main outside may cause unsafe walking or driving conditions. Report KUB main breaks immediately to 524-2911.

Cross Connection Control: KUB routinely looks for cross connections between a customer's service and the public water system to protect water quality. Regulations require customers who have cross connections, like an irrigation system, a business-related hazard, or other potential risk, to install, test, and properly maintain a backflow prevention device. For more, please call 594-8333 or see www.kub.org.

Wastewater: If you see a sewer overflow, avoid contact and call KUB immediately at 524-2911. For a log of any recent overflows and their status, visit www.kub.org.

Sewer overflows may contain bacteria and viruses. The toilet water is diluted by water from washers, dishwashers, sinks, and showers, but we urge you to avoid contact or wash thoroughly with soap and water to prevent illness.

Skin contact does not pose a serious health risk, but there is some risk of disease from swallowing bacteria. Always wash your hands before eating and after handling anything that had contact with floodwater or sewage.

Note: Put cooking grease in the trash, not down the drain. Grease build-up can cause messy, costly sewage backups in your home and overflows in our environment.

Clearance Around Utilities: Please don't place fences, storage buildings, landscaping, etc., within six feet of KUB utility poles or pad-mounted transformers or restrict access to any KUB meters. KUB crews need clear access for their safety and to perform maintenance or make repairs to restore service to you and your neighbors. Natural gas meters also need three feet of clearance for safe ventilation.

Protect Yourself From Fraud Scams and Strangers:

- Do not give money to anyone who calls you and says KUB will shut your power off unless you pay him immediately. KUB uses bill notices and doorhangers—not calls—as notices of pending service termination.
- Never give your financial information to someone who calls or e-mails you: KUB doesn't ask for that info—or for payment by pre-paid cards.
- Do not give someone who comes to your home or business money or a pre-paid card for your KUB bill. KUB never collects payments in the field.
- Ask to see a KUB photo ID if someone visits you claiming to be from KUB. (KUB employees always wear ID badges.) Call 524-2911 to verify the visit.
- Call KUB at 524-2911 before you respond to a call or visit you think might be a scam.

Call 811 Before You Dig

Keep your home and neighborhood protected and connected by knowing what's below and always calling 811 three days before you dig. Damages to underground utility lines can disrupt service to the entire neighborhood, potentially harm diggers, and damage the environment. One phone call to 811 will get member underground utility lines marked for free. Remember—Safe digging is no accident. Always call 811 before you dig. It's the law.

Water System Flushing

KUB periodically runs water from a flushing device or a fire hydrant to flush water from our system. This helps ensure we maintain the water quality our customers expect and meet regulatory requirements. We use the least water possible to clear lines and test water.

Private Sewer Laterals

A private sewer lateral is the underground pipe that connects your property to KUB's sewer system. If you own the property, you also own the lateral and are responsible for repairing and maintaining it all the way to the connection with KUB's sewer. For more information, search "Private Lateral Program" on www.kub.org.

Can the Grease: Protect Your Plumbing

If you pour cooking grease down your drains, it may build up, block your pipes, and cause rancid odors or messy, costly sewage backups in your home. Grease is also a major cause of dry-weather sewer overflows, which are a potential threat to our environment.

Never pour grease down drains or toilets. Scrape grease and food from cookware and dishes into a can or the trash.

A metal coffee or soup can makes a great grease can. Line it with a disposable heat-resistant oven bag. Throw the liner away (after grease cools) and reuse the can.

If you operate a food service facility, please call KUB at 594-8337 for more about proper grease control.

Toilets Are Not Trash Cans!

Never flush rags, baby/personal wipes, feminine products, paper towels, etc. They can clog pipes, leading to sewer overflows, backups into buildings, and costly repairs. Also, never flush prescription/over-the-counter drugs to help keep them out of waterways. Take drugs to collection events or the permanent 24/7 collection site at the Knoxville Police Dept. Safety Building, 800 Howard Baker Jr. Ave.

Appendix F

Can the Grease Brochure

Help Protect Your Home's Plumbing And Our Environment

- Never pour FOG down any drains or toilets.
- Use a spatula or pan scraper to remove FOG and food scraps into a metal can or the trash for disposal.
- Use strainers in sinks to catch food scraps, and empty the strainers into the trash.
- Don't rely on a garbage disposal to get rid of FOG—it grinds food but doesn't keep FOG from going down the drain.
- Wipe cookware and dishes before washing. Commercial additives in detergents only dissolve FOG temporarily.
- Clean kitchen exhaust system filters routinely.
- Call KUB at 524-2911 if you have any questions about FOG. E-mail wastewater@kub.org if you have questions about sewer system operations and maintenance.

How can you easily can the FOG? Make your own can.

You don't need a special can to get started. A metal coffee can with a plastic lid or empty metal soup or vegetable cans make great FOG cans. Line your can with disposable heat-resistant oven bags. Throw the liners away (after cooling) and reuse the can.

Safety Tips

If you have a FOG-related sewer backup or see an overflow outside, avoid contact. Skin contact doesn't pose a serious health risk, but there is some risk of disease from swallowing bacteria. So, we urge you to always wash your hands with soap and water

- Before preparing or eating food
- After using the bathroom, helping someone else use the bathroom, or changing diapers
- After cleaning toilets
- After handling anything that had contact with floodwater or sewage

FOG Control for Food Service Facilities

In addition to helping residential customers learn about FOG control, KUB works with food service facilities (FSFs) to help prevent FOG-related sewer overflows. FSFs must follow the requirements of KUB's Grease Control Program and obtain a permit from KUB. KUB also inspects FOG control equipment at all FSFs.

If you have questions about the Grease Control Program, please call KUB at 865-524-2911.

Toilets Are Not Trash Cans!

Keeping FOG out of sewers is important, but you can do even more to protect our environment and your plumbing with these tips:

- Never flush rags, baby or personal hygiene wipes, paper towels, feminine products, dental floss, or disposable toilet wand heads. They can clog pipes or jam pumps, leading to sewer overflows, backups into buildings, and costly repairs.
- Never flush prescription or over-the-counter drugs. To help keep them out of waterways, take drugs to collection events or the permanent collection site (open 24/7) in the lobby of the Knoxville Police Dept. Safety Building, 800 Howard Baker Jr. Ave.



Just because you can flush it doesn't mean you should. Think before you flush.



**www.kub.org
(865) 524-2911**



Can the Grease



Don't pour fats, oils, or grease (FOG) down drains or flush it down toilets. Use a spatula or pan scraper to dispose of it into the trash or a metal can. It's bad for your plumbing and our environment.

Fats, oils, and grease—also called FOG—are a major cause of sewage backups into homes.

Why is FOG a problem?

If you pour cooking fats, oils, or grease down your drains or toilets, it may build up, block your pipes, and cause rancid odors or messy, costly sewage backups in your home.

It can also clog KUB's sewer lines. In fact, FOG is a major cause of sewer overflows, which are a potential threat to public health and the environment.

Don't believe the old wives' tale about running hot water after pouring FOG down the drain: It doesn't work. The FOG eventually cools, then congeals and coats pipes. When enough builds up, it can block your plumbing or KUB's sewer lines.

Where is FOG produced?

Homes, apartment buildings, schools, churches, restaurants, food-processing plants, shopping malls, hospitals, hotels, and many more locations all produce FOG.

FOG is a by-product of cooking and is found in

- Meat fats
- Food scraps
- Lard
- Baking goods
- Cooking oil
- Sauces
- Shortening
- Dairy products
- Butter/margarine



What problems does FOG cause?

- Clogged drains or toilets
- Sewage backups into your home
- Sewer overflows in neighborhood parks, yards, and streets
- Rancid odors
- Expensive cleanup, repair, and replacement of damaged property
- Potential contact with bacteria and viruses that can cause illness
- Higher operating and maintenance costs for KUB, potentially resulting in higher sewer bills for you

Never pour FOG down sink drains or other drains. Use a spatula or pan scraper (like the one pictured below) to remove FOG and food scraps into a can or the trash for disposal before washing.

Please use caution when pouring hot FOG. Hot FOG can burn skin.



Pan Scraper

Prevent FOG-related sewage overflows: Keep FOG out of the sewer system.

DO



DON'T



Appendix G

Toilets Are Not Trash Cans!

Toilets Are Not Trash Cans!

Despite some marketing claims, flushing things like baby or personal wipes down your toilet isn't a good idea. They can clog your pipes or jam sewer pumps, leading to backups into homes or buildings, sewer overflows, and costly repairs.

KUB, like other utilities, is seeing an increasing impact from such items.

According to the National Association of Clean Water Agencies (NACWA), utilities nationwide are spending millions of dollars to clean "disposable" items out of their equipment.

KUB joins NACWA in encouraging customers to "think before you flush." (Watch the "Will It Flush?" video on www.kub.org to see how what you flush can clog your pipes. Look for the video on the home page under Hot Topics Index, Toilets Are Not Trash Cans!)



Please use these tips to help avoid plumbing issues and protect our environment from overflows:

- Never flush things like
 - Baby/personal hygiene wipes
 - Rags, shop towels, or paper towels
 - Facial tissue
 - Feminine products
 - Kitty litter
 - Dental floss
 - Disposable toilet wand heads
- Never pour cooking grease down toilets or drains. Dispose of it in the trash.
- Never put prescription or over-the-counter drugs down drains or toilets to help protect area waterways. Take drugs to collection events or the permanent collection site (open 24/7) in the lobby of the Knoxville Police Dept. Safety Building, 800 Howard Baker Jr. Avenue.

KUB
www.kub.org
m.kub.org