Annual MOM Progress Report

2013

Submitted to EPA on February 27, 2014

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

2-27-2014

Debbie G. Ailey

Date





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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 is 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."] Figure 1 illustrates the SSO event history for KUB and shows total rainfall has less of an impact on our wastewater system, although rainfall event totals and intensity still influence the occurrence of wet-weather SSOs.

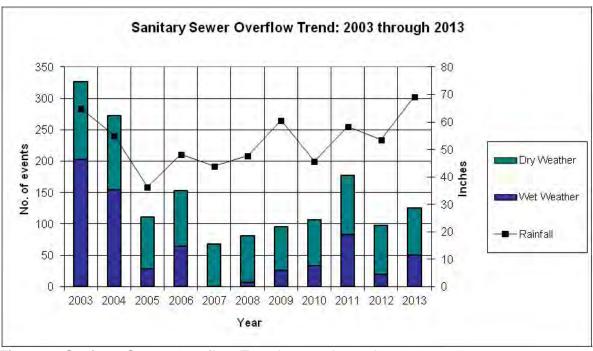


Figure 1. Sanitary Sewer Overflow Trend: 2003 through 2013

KUB experienced 50 wet-weather overflows in 2013 versus over 200 in 2003. The increasing trend in wet-weather overflows from 2008 to 2011 and 2013, seen in Figure 1, can be attributed to the influence of total rainfall received during those years, which was higher than the years prior to this period. Continuous wet weather creates saturated ground conditions, which is also known as high antecedent moisture conditions. Extended rainfall results in more infiltration when excess storm water causes flooding. Higher flows in the collection system from inflow in areas that have not undergone rehabilitation make the system more susceptible to overflows during heavy rain events.

Improvements already made in KUB's collection system have lessened the effects of rainfall and antecedent moisture. It is notable that record setting rainfall and high antecedent soil moisture conditions in 2013 produced smaller numbers of overflows when compared to rain events prior to PACE 10 implementation in 2004.

According to the National Weather Service (NWS), the Knoxville area received 69.35 inches of rain in 2013, which is 21.49 inches above normal. The NWS has collected precipitation records for Knoxville since 1871, and the year 2013 ranks as second place for record amount of precipitation. The month with the most precipitation was January, registering at 12.67 inches. This is more than eight inches above average for the Knoxville area. The rainfall in January produced 30 wet-weather overflows occurring in January and February as shown in Table 1.

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Actual Rainfall													
(inches)	12.67	2.42	5.49	7.32	3.52	9.38	7.37	3.21	4.42	0.91	4.41	8.23	69.35
Average Rainfall													
(inches)	4.32	4.26	4.34	4.01	4.51	3.81	5.08	3.27	3.24	2.51	4.01	4.5	47.86
Difference*	8.35	1.84	1.15	3.31	0.99	5.57	2.29	0.06	1.18	1.6	0.4	3.73	21.49
SSOs	27	3	1	0	2	2	15	0	0	0	0	0	50

^{*}Numbers in red indicate a positive difference between actual and average rainfall totals.

On January 13, 2013, the Knoxville area experienced a significant rainfall event that lasted for five continuous days. According to the NWS, the majority of our service area received over eight inches of rain during this five-day period, which contributed to this being the wettest January in over 130 years.

Rain gauges maintained by KUB located within KUB's service area recorded rain totals ranging from 6.05 to 8.41 inches in a 96-hour period. Historical data from the NWS showed this event to be greater than a 25-year return period storm overall; however, some parts of KUB's service area measured the event to be greater than a 100-year return period storm. Storm return periods are based on the application of historical duration, intensity, and frequency data maintained by the NWS.

All six of KUB's wastewater storage tanks designed to hold 34 million gallons were used to manage the resulting flow in the collection system, and all the tanks were filled to their maximum capacity to prevent sewer overflows throughout this period. In fact, the Upper First Creek and Walker Springs storage tanks were filled to their maximum capacity within the first day. The ground was saturated with the heavy rainfall and wet weather conditions over the prior 30-60 days, and the excess flow from I/I quickly filled system storage. The Walker Springs storage tank helped manage and control flow to the Fourth Creek Wastewater Treatment Plant. Two of the six storage tanks, the Lower Third Creek tank and Second Creek tank, helped manage and control flow to the Kuwahee Wastewater Treatment plant. All of KUB's plants received record influent flows, which exceeded their design capacity, but the plants were operated in accordance with the approved Process Control Program to manage the high flow conditions to the fullest extent possible over the 5 days of rain followed by snow and ice. A total of 19 overflows were timely reported as a result of the precipitation from January 13 to 17.

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

Table 1 shows that the majority of the remaining wet weather SSOs occurred in June and July when the Knoxville area received 16.75 inches of rainfall, nearly eight inches above normal. In June, 9.38 inches of rain fell, and then the first week of July produced 4.92 inches of rain. The average rainfall for the entire month of July is only 3.81 inches. The ground was essentially saturated from the constant rainfall. While June only experienced two wet-weather overflows, a total of 15 wet-weather overflows resulted in July.

The above average rainfall for the year caused KUB's wastewater storage facilities at Lower First Creek, Upper First Creek, Second Creek, Lower Third Creek, Upper Third Creek, and Walker Springs to operate a combined total of 83 times in 2013, containing a total of 177.4 million gallons of wastewater, as shown in Table 2. The storage tanks help KUB to prevent spikes in flow that exceed the hydraulic capacity of the collection and treatment systems and meet requirements to address sewer overflows and protect our environment.

Table 2. Storage Facilities

Facility Name	Number of times operated	Total Gallons Stored
Upper First Creek Storage Facility	17	32.0 MG
Lower First Creek Storage Facility	17	31.5 MG
Walker Springs Storage Facility	14	25.8 MG
Upper Third Creek Storage Facility	15	32.0 MG
Lower Third Creek Storage Facility	13	36.4 MG
Second Creek Storage Facility	7	19.7 MG
Total	83	177.4 MG

Approximately 94 percent of the 50 wet-weather overflows in 2013 occurred during the months described above, when record rainfall amounts and saturated ground conditions increased the possibility for inflow. See Figure 2.

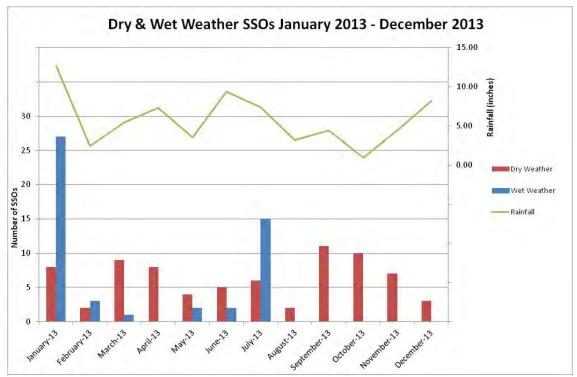


Figure 2. Dry- & Wet-Weather SSOs January 2013 –December 2013

KUB experienced 75 dry-weather overflows in 2013 and is maintaining focus on its MOM programs and system rehabilitation to reduce them. Blockages were a leading cause of dry-weather overflows in 2013, accounting for 33 of the 75 overflows that occurred. Heavy rainfall also affects dry-weather overflows. Increased flow from inflow or infiltration can scour solid materials from the gravity mains, leading to an increased risk of blockage related overflows due to increased solids and grease movement.

KUB continues to focus on reducing blockage-related overflows especially through the efforts of the Blockage Abatement (BA) and Grease Control programs. Debris and roots continue to be the leading causes, or major contributing factors, in blockage-related overflows. Other causes of dry-weather overflows include broken system, construction failures, grinder pump failures, mechanical failures, and vandalism. More details will be provided in the 2013 SSOER for these overflow events.

KUB's Grease Control Program requirements help prevent grease discharges to the collection system from food service facilities (FSFs), and KUB continues an aggressive communication campaign to customers concerning grease. In 2013, KUB mailed grease letters to 1,164 customers near 12 grease-related overflows.

MOM Programs

Grease Control Program

KUB strengthened its FSFs inspection efforts this past year to further reduce grease related problems in our collection system and prevent grease from entering our wastewater treatment plants. KUB increased FSFs inspections by 42% relative to 2012 to be sure equipment was being maintained properly and program requirements were being

followed. Program personnel conducted 1,852 total inspections of 1025 FSFs in 2013. FSFs installed or upgraded 19 traps or external grease interceptors in our service area in 2013. Those efforts and investments by our customers continue to help prevent grease buildup in our system.

KUB also continues to educate residential customers to prevent grease-related overflows. In areas where residential grease may be entering the system, KUB conducts additional televised inspections. The inspections help better identify the need for increased cleaning and public awareness efforts, such as the Can the Grease (CTG) initiative. KUB placed emphasis on distributing educational information on proper grease disposal this past year. Program personnel participated in customer education events hosted by community organizations and promoted CTG in various customer communications and the KUB website. Customers receive educational materials explaining the proper means of grease disposal. The CTG cans are still given away during limited special events, such as homeowner meetings, tenant meetings at apartment complexes, and promotional events.

Gravity Sewer 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 new areas where more cleaning is needed pending future projects or information obtained during system assessment activities.

In 2013, BA crews cleaned 999,967 feet (ft) (189 miles) and televised 233,973 ft (44 miles) of gravity sewers in our system.

Continuing Sewer System Assessment Program (CSSAP)

In addition to the BA footage, KUB crews and PACE 10 contractors proactively cleaned and televised 584,496 ft (110 miles) of sewers in 2013. Under PACE 10, contractors also smoke-tested 64,944 ft (12.3 miles) of sewers and inspected 650 manholes in 2013. 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, a design engineer and a basin engineer evaluate it. Mains are then recommended 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 help manage the continual evaluation of each sewer pump station and the connected force mains. The 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 system (SCADA).

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

Infrastructure Rehabilitation Program (IRP)

In 2013, KUB spent \$50.3 million in rehabilitation and replacement projects, including the completion of four pump stations, approximately 35 miles of pipe in the collection system, and 758 manholes rehabilitated or replaced. KUB completed 27 projects and started 17 additional projects that are currently in construction.

Private Lateral Program (PLP)

KUB also inspects customer-owned private laterals, notifies customers of defective laterals or prohibited connections discovered, and enforces repairs or replacements as required by our PLP. KUB tracks information about the PLP in a Lotus Notes information management system (IMS) called the Private Lateral Tracker. A total of 16 laterals were repaired or replaced in 2013 under the PLP.

<u>Summary</u>

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 2013. There were only 12 grease related SSOs in 2013 as a result of the continued focus on Grease Control Program 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 FSFs in the KUB 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, based on the potential to discharge grease to the collection system. Each facility is rated based on its size, food preparation practices, the maintenance of its grease control equipment, and its record-keeping practices. If an FSF's equipment is undersized or poorly maintained or if the FSF has potentially contributed to grease related SSOs, the risk rating will be high or unacceptable. If the facility is rated as unacceptable, it will be required to upgrade its grease-control equipment or increase pumping frequency. Otherwise, it will be subject to enforcement action.

KUB strengthened its FSFs inspection efforts this past year to further reduce grease related problems in our collection system and prevent grease from entering our wastewater treatment plants. KUB conducted 1,852 total inspections of FSFs in 2013. That included 13 initial inspections, 1,458 routine inspections, and 381 follow-up inspections. Total inspections increased by 42% relative to 2012. Routine inspections went from 856 in 2012 to 1,458 inspections in 2013, which represents a 70% increase. Follow-up inspections to FSFs to review problems identified in a Routine inspection, increased from 149 in 2012 to 381 in 2013. Additional FSF visits to evaluate compliance keep facilities focused on maintaining equipment and pumping logs. More inspections ensure that FSFs pump their traps and interceptors on schedule reducing the potential for grease to come into the wastewater system.

The 1,852 inspections performed in 2013 resulted in 489 Notices of Noncompliance (NONC). There were no Notices of Violation or Notices of Significant Noncompliance issued in 2013. However, more routine visits revealed that approximately 45% of the FSFs were either failing to maintain logs or pump their equipment on the required schedule. Most of these problems were corrected easily with one NONC and effective communication with the business. A new Grease Control Program brochure (see Appendix G) was developed for commercial customers to promote effective communication with FSFs, and inspection forms were also revised to more clearly indicate what inspectors examine to determine compliance. Providing clear and frequent information to businesses is important to achieving compliance. It also helps customers

understand the problems associated with discharging grease into the wastewater system.

KUB also began looking more closely at facilities that had aging grease control equipment last year. In 2012, KUB began requiring FSFs to ensure their equipment was in good operating condition, because some facilities had equipment that had been in use for close to ten years. Traps and interceptors can develop cracks and corrosion over time or become damaged from frequent pumping. Additionally, some FSFs were allowed to use their existing equipment when the Grease Control Program was implemented in our service area in 2003. This resulted in some equipment requiring more frequent maintenance if it was not sized appropriately for the FSF's operation. KUB is currently working with 242 customers to ensure their equipment is properly sized in accordance with our program requirements and/or in good condition. A total of 14 customers, as noted in the summary tables in Appendix A, upgraded their equipment in 2013.

Upgrading the size of equipment can be very challenging for FSFs that are located in older buildings or downtown areas due to lack of space and the age of the building structure. KUB has worked with some customers to test newer designs of grease control equipment that meet KUB specifications but have a smaller foot print to see if they are feasible options. Also, in some cases traps or interceptors have been used in series to remove grease because space does not allow another alternative. In at least one instance, both approaches had to be used for a facility in the Knoxville downtown area. The Tomato Head Restaurant installed three 500-gallon Proceptor GMC interceptors in series when they expanded the size of their facility. The Proceptor design meets KUB's design requirements but is constructed differently so that it can be installed in areas with space restrictions.

Some FSFs also proactively upgraded equipment during building renovations or expansions, and some recognized their grease control equipment needed repair or replacement. For example, Burger King increased its interceptor size to 2,500-gallons from 1,000-gallons when it made repairs, and a local market, Weigels, installed a 1,500-gallon interceptor in place of its small internal trap when it remodeled in 2013.

Grease Program Permitting Phase

The program requires all active and inactive FSFs to be inspected and to obtain a Grease Control Permit every two years if they prepare food. There are currently 759 permitted FSFs in KUB's service area and 266 FSFs that are inactive and require at least one inspection to verify that food preparation has not resumed at that location.

Improvements were made to the permitting application information that customers received last year to help customers more clearly understand what types of information are important to provide KUB and better understand program requirements. Also, KUB continues to focus on contacting businesses as soon as they are 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.

As mentioned earlier, KUB requires FSFs to have their grease control equipment inspected and certified to be in good working condition. Trap certifications can also identify equipment that cannot retain grease adequately due to insufficient size. Information communicated to KUB through the permitting process, allows KUB to

determine if existing equipment may need to be certified. Certifications are completed by plumbers or waste haulers who attended and passed a Grease Control Equipment Certification course instituted by KUB.

Grease-Related SSO Response and Residential Can the Grease 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 place a graphic polygon around the geographic area upstream of the SSO location. That helps identify all wastewater customers that may be contributing grease to the SSO location. KUB then generates a report containing customers' names and account information.

KUB inspects commercial customers to verify their compliance with KUB's Grease Control Program requirements. KUB mails residential customers a letter, an educational brochure, and other promotional materials on collecting their grease instead of disposing of it down the drain.

In 2013, KUB mailed grease letters to 1,164 customers near 12 grease-related overflows. KUB sent educational brochures, CTG spatulas, and grease can liners to residential customers. [Note: KUB does not send educational materials to commercial customers, which must have grease traps or interceptors. All commercial customers near grease related SSOs are inspected to ensure compliance with the program.]



KUB also emphasized

communication to residential customers in 2013 with information on the Can the Grease (CTG) program to promote customer education and awareness of proper disposal of grease in their homes. Information is always included on the KUB website. During the winter holiday season, it is included on the home page. Residential homeowners also receive educational information through customer newsletters and event promotions of the CTG program in the local newspaper.

KUB continues to promote the CTG program at community events by distributing cans and sending speakers to meetings and other events. KUB grease inspectors gave educational presentations at apartment complexes during monthly tenant meetings, housing agencies, and general utility customer education workshops. KUB participated in four local events in 2013 and handed out 170 Can the Grease cans, spatulas, and brochures.

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 Corrective Action Plan/Engineering Report (CAP/ER) and the Infrastructure Rehabilitation Program (IRP). It consists of five key programs, each of which includes a method for setting priorities for determining 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 (by 2016).

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

Table 3. CSSAP Elements

Program Elements	Assessment Tools	Completed in 2013	Total Completed*	One Complete Cycle Period
Manhole Condition Assessment	Manhole Inspections Smoke Testing	2 percent	76 percent	12 Years
Gravity Sewer Condition Assessment	Flow Monitoring Smoke Testing Dye Testing CCTV	9 percent	85 percent	12 Years
Private Lateral Condition Assessment	Flow Monitoring Smoke Testing Dye Testing CCTV	0 percent	83 percent	12 Years
Force Main Performance Assessment	Corrosion Defect Identification	0 percent	0 percent**	2 Years New cycle began in 2013
Pump Station Performance Assessment	Pump Station Performance and Adequacy	100 percent	100 percent**	2 Years New cycle begins in 2014

^{*}Since CSSAP approval 7-28-05

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 nine, KUB has completed inspection of approximately 76 percent of manholes and approximately 85 percent of the gravity system infrastructure. This advancement of work was done to facilitate many of the early

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

rehabilitation projects. On the remaining schedule, 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 137 miles of BA footage, KUB and PACE 10 contractors cleaned and televised 584,496 ft (110 miles) of gravity sewers in 2013. Under PACE 10, contractors smoke-tested 64,944 ft (12.3 miles) of sewers and conducted 650 manhole inspections, with 758 manholes rehabilitated or replaced in 2013 (NOTE: Some of the manholes rehabilitated or replaced in 2013 were inspected in previous years). Approximately 187,900 ft (35 miles) of wastewater mains in the KUB system were rehabilitated or replaced.

Figure 3 shows the total progress KUB has made through 2013 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 in the next three years. We continue to review data from previous years to ensure thorough cleaning and inspections on all assets in each sub-basin.

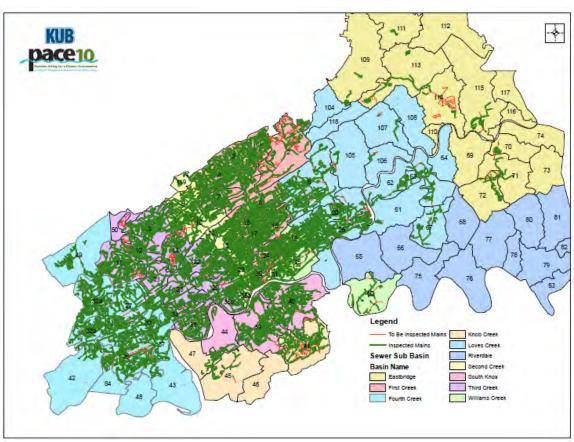


Figure 3. CSSAP Activities

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 35 permanent flow meters strategically placed in the wastewater system.

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 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 or infiltration. The higher the R-value, the higher the percentage of passing 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. KUB conducted temporary flow monitoring in ten wastewater drainage Basins from late January 2008 through March 2012 as indicated in Table 4. 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 minibasin areas.

Table 4. Flow Monitoring Timeline

	Date of	Temporary Flow	Permanent Flow	Miles of Line
Wastewater Basin	Study	meters	meters	Evaluated
Third Creek	Jan-08	43	6	234
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

Private Lateral Condition Assessment

Private laterals may also be a major source of rainfall-derived inflow/infiltration (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 2013, KUB has completed assessing approximately 83 percent of private laterals in the system. As part

of the PACE 10 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 force mains and pump stations on a two-year cycle. In 2013, all 62 pump stations receive 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 2013 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 eliminate excess work and 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 recorded. KUB System Operations personnel have completed inspections of all pump stations annually since 2008. In 2013, KUB performed 1,264 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 issues that were identified in the 2013 Pump Station evaluation, the following stations were assigned follow-up capital improvement projects:

- Ball Road Pump Station will have a surge relief valve installed to alleviate pressure surges on the station's check valves in 2014.
- Cheowa Pump Station will have a grinder and generator installed in 2014. The station will also have the existing sluice gate replaced.
- The Forks of the River Pump Station was identified as needing replacement valves for the aging actuator valves. These valves were replaced with swing-arm check valves.
- National Drive Pump Station was identified as having significant inflow during heavy storm events. To alleviate the inflow, a "find and fix" project is under design for Sub-Basin 60.

- Wayland Road Pump Station was identified as having a faulty three way isolation valve. This station will have a common header and three new individual isolation valves installed in 2014.
- To provide additional protection for the outdoor control panel racks, aluminum canopies will be installed at Cruse Road, Maloneyville Road, Whisper Ridge, Railroad, Casa Bella, and Millertown Pike Pump Stations in 2014.

In 2012, KUB completed a comprehensive force main assessment. 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 2014.

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.

KUB monitored the following pump station (PS) areas in the past year:

Easton Meadows PS/Parker Drive FM Forks of the River PS/Delrose Dr FM Harrison Keepe PS wet well Kohl's PS/Washington Pike FM Ten Mile PS/Rotherwood Drive FM Lyons View PS/Lyons View Drive FM

Manholes and lines downstream of force mains are areas that may experience odor complaints. KUB concentrates H₂S 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.

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 187,900 ft (35 miles) of sewer mains in 2013, 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 2013 as a result of KUB's investigations and condition assessment efforts.

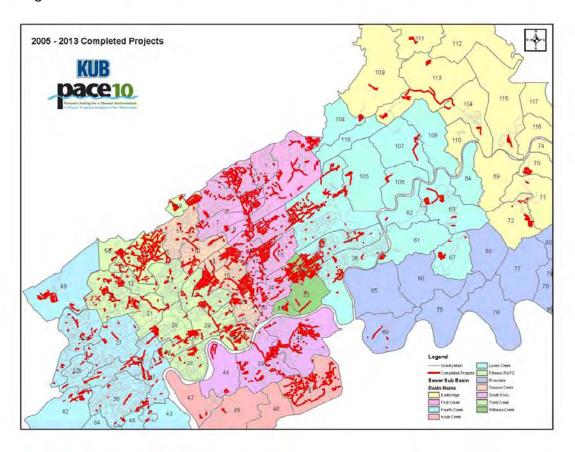


Figure 4. 2005-2013 Completed Capital Improvements

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.

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).

KUB completed upgrades or replacements of the Neubert Springs, Maloneyville, and Cruze Road Pump Stations in 2013. Design and/or construction on Pelham, Pilleaux, McNutt, Eastwood, Burlington, and Ruggles Ferry Pump Station upgrades (facility replacements with new submersible design) are currently in process.

Ten Mile pump station was taken off line in June 2013 and its wastewater flows were permanently diverted to the First Utility District of Knox County, as described in the Third and Fourth Quarter 2013 Quarterly Progress Reports.

Other 2013 facility and equipment work included the installation of swing arm check valves at the Forks of the River pump station. Force mains were replaced for the Neubert Springs, Cruze Road, Maloneyville, and Holston Hills 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. An example of such improvements would be altering preventive maintenance schedules to provide more frequent maintenance on a case by case situation based on actual condition assessments versus lifecycle projections.

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 cleaning the entire wastewater collection system in 12 years.

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.

KUB and PACE 10 contractors cleaned and televised 584,496 ft (110 miles) of KUB sewers in 2013.

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.

BA contract crews cleaned 999,967 ft (189 miles) and televised 233,973 ft (44 miles) of sewers in 2013. KUB had 720,947 ft (137 miles), or 11 percent of its sewer mains, in the BA program in 2013.

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 2013 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 42 months.

During calendar year 2013, KUB continued to perform root control using mechanical root cutting and cleaning under the BA Program.

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. KUB's Emergency Response Plan (ERP), which was approved by EPA on December 12, 2005, dovetails with the SORP. 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 2013, we had 116 SSO events in which KUB's Underground Construction (UGC) department responded, and our average response time was 37.4 minutes. We continue to work to improve our response, 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 are also using 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 2013, KUB UGC crews responded to 1,403 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 Management Program measures so 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 a 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 19], 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. In 2007, KUB and a contractor conducted focus groups with customers to help direct a site redesign. The new site went live during 2008 and is providing customers more interaction with their utility services. The SSO information is still available on the new site. 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. [Orders created by crews are designated RSCIN in the spreadsheet in Appendix B.] 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 2013, crews conducted 1,264 scheduled facility Condition Assessments and Preventive Maintenance tasks. 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.

For more detail on the numbers and types of inspections see Appendix B. The appendix also includes sample checklists for some of the inspection categories.

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 sewage 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 Release 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.

In 2013, the force mains for the Neubert Springs, Cruze Road, Maloneyville, and Holston Hills Pump Stations were replaced. In 2014, force mains for McNutt, Burlington, Pelham Road, and Pilleaux Pump Stations are scheduled to be replaced.

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 2013, KUB mailed approximately 18,700 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.

We continue to meet regularly with the Partners Council, which was established in December 2004 to enhance KUB's PACE 10 program by increasing awareness and building consensus in our community. The council members both provide feedback and input to KUB and take information back to the groups they represent. They receive a written monthly update on current PACE 10 projects, construction communications, Can the Grease mailings, overflow numbers, and rainfall data. Every other month, the council meets for a presentation and more in-depth discussion of ongoing projects and trends in overflows.

KUB also offers speakers to neighborhood groups and organizations about PACE 10 projects, private laterals, prohibited connections, grease, and other wastewater-related topics. Groups may request presentations through our website or by calling our Customer Information Center at 865-524-2911.

We continue to mail letters to customers in advance of PACE 10 projects with information about the need for the project, smoke testing information, and more. In 2013, we sent approximately 13,300 construction letters.

We also include wastewater safety and CTG information in our Utility Safety Program (USP) for fourth- and fifth-grade students. The USP provides presentations to public and private schools and organizations such as the Boy's and Girl's Clubs in KUB's service area. KUB presented the USP to 22 schools or organizations in 2013.

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 also developed a Hot Topics Index that includes things that have been on the front page. Wastewater-related topics in the index include Biosolids, Can the Grease, Grease Control for Food Service Facilities, PACE 10, the Private Lateral Program, Smoke Testing, Sewer Overflows, and Toilets Are Not Trash Cans!.

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.

As part of the requirements of the Consent Decree, KUB operated a Supplemental Environmental Project* (SEP), which offered financial assistance to low-income homeowners who had defective sewer laterals or prohibited connections. In addition to the \$2 million set aside for the SEP* Grant, KUB offered an interest-free Loan Program to low-income customers in the PLP. KUB completed the SEP* and submitted the SEP* Completion Report to the EPA on June 29, 2012. Due to low demand, KUB discontinued offering the Loan Program in 2012. The income guideline percentages for both the SEP* Grant and the Loan programs were calculated based on homeowner income information obtained from the Department of Housing and Urban Development for Knoxville/Knox County.

As part of PACE 10 projects, KUB replaces the lower section of the sewer lateral and installs a two-way cleanout near the property line. 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 received by upper lateral repairs. Through the end of the SEP*, private lateral inspections followed PACE 10 wastewater system improvement projects. After the SEP's* completion, KUB decided to only use routine CCTV inspections in areas that continued to experience high I/I problems after the completion of wastewater system improvement 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 2013, KUB inspected 56 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 sewage 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, 2013, to December 31, 2013.

Total Private Laterals	3
Repair	1
Replace	2
Total with Tenants	0

Out of the laterals under enforcement in 2013, two completed their required repairs or replacement, and one remained active as of December 31. Additionally, there were 14 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 2013; and therefore, water service was eligible to be reinstated.

Total Completed	16
2013 Enforcements	2
Reinstatements	14
Terminations	0

In addition to the POP process and ongoing CAP/ER 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.

^{*}This project was undertaken in conjunction with the settlement of a civil enforcement action taken by the United States for violations of the Clean Water Act.

Appendices

Appendix A Grease Control Program Summary Tables

			Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating	(~gallons)	(~gallons)	Inspections Insepctions		Inspections			NOVs		GCE Potential Concern	Comments
FOG-0018	West End Academy	5311 McKamey Road	No	Low	none	none	1	1		1	0	0			No food production at facility.
FOG-0020	Soups and Scoops	4720 Western Avenue	No	Low	40	none	2	2		2	0	0			FSF is closed.
	Granny Bea's	3801 Western Avenue	No	Low	none	1000	2	2		2	0	0			FSF is closed.
FOG-0031	Pizza Inn Mojoe's Trailside Coffee House	5420 Clinton Highway 2920 Sutherland Avenue		Unacceptable	none	1000	2 2	2		2	1	0	Yes	One manhole	
	Knotheads Café and Deli	8534 Asheville Highway	No	Unacceptable Low	40 40	none none	1	1	-	1	0	0	Yes	No flow restrictor	FSF is closed.
	Creative Catering	2400 N. Central Avenue	No	Low	70	none	1	1		1	0	0			FSF is closed.
	Range House Restaurant	4721 Old Broadway Avenue	140	Unacceptable	none	1000	4	2	2	2	2	0	Yes	One manhole	i or is dosed.
	Big Bites Pizza & Deli	6404 Asheville Highway	No	Low	50	none	2	2	_	2	0	0	100	one marriere	FSF is closed.
	Knox-Knox Co. CAC Head Start - Claxton West	2400 Piedmont Street		Medium	none	1000	2	2		2	0	0			
FOG-0149	Philippine Egg Roll Express	3625 Western Avenue		Unacceptable	40	none	3	3		3	0	0			
	Breadbox #44/Quizno's	5014 Washington Pike		Low	none	1000	2	1	1	1	1	0			
FOG-0157	La Palma De Oro	6631 Clinton Highway Suite 105A		Medium	none	1500	4	3	1	3	1	0			
														DW to GT	
							_		_		_	_		Insufficient GCE	
	The Pint House	815 Merchants Drive		Unacceptable	30	none	3	1	2	1	2	0	Yes	No flow restrictor	
FOG-0453	Chez Liberty	101 E. Inskip Suite C 5200 Kingston Pike	No	Unacceptable Low	30 none	none 1500	2	1		1	1	0	Yes	Insufficient GCE	FSF is closed
	Holly's Eventful Dining	5032 Whitaker Avenue	INO	Unacceptable	none	1500	1	1		1	0	0	ļ		FSF is closed
FOG-0632		4329 Lonas Road		Unacceptable	30	none	2	1	1	1	1	0	Yes	Insufficient GCE	
	Whassup Dog	7702 S. Northshore Drive	No	Low	50	none	1	1	'	1	0	0	103	Insumcient GGE	FSF is closed.
FOG-0638	Five Guys Burgers	234 Brookview Center Way Suite 101		Medium	none	1500	2	1	1	1	1	0			1 01 10 000001
FOG-0639	Bruster's Ice Cream	7670 S. Northshore Drive		Low	none	1500	2	1	1	1	1	0			
FOG-0651	Jason's Deli	2120 Cumberland Avenue		Unacceptable	none	1500	2	1	1	1	1	0			
FOG-0657	The Coop Café	301 S. Gay Street	No	Low	40	none	2	2		2	0	0			FSF is closed.
	Bida Saigon	8078 Kingston Pike Suite 165		Unacceptable	80	none	2	1	1	1	1	0			
	Carleo's Lounge	117 S. Central Avenue		Low	40	none	1	1		1	0	0			
	Salad Works	7600 Kingston Pike	No	Low	100	none	1	1	1	1	0	0			FSF is closed.
FOG-1218	I eavana	7600 Kingston Pike	No	Low	50	none	2	2	1	2	0	0			No food production at facility.
EOC 1000	Bruno's Pizzeria & Grill	6007 Kingston Biko		Ingecontable	30	none	2	4	4	1	1	0	Voc	Insufficient GCE	
	Red Roof Inn	6907 Kingston Pike 1315 Kirby Road	No	Unacceptable Low	none	1000	1	1 1	1	1	<u> </u>	0	Yes	Insufficient GCE	No food production at facility.
FOG-1237	Red Root IIII	1313 Kilby Roau	INO	LOW	Hone	1000	+ ' +	'		'	0	- 0		DW to GT	INO 1000 production at facility.
FOG-1265	Nama Sushi Bar	506 S. Gay Street		Unacceptable	200	none	1	1		1	1	0	Yes	No flow restrictor	
	Papermill Market & Deli	4615 Papermill Road	No	Low	none	none	2	2		2	0	0	103	THE HEW FEELINGS	No food production at facility.
	Farley Burgers	7600 Kingston Pike	No	Low	40	none	1	1		1	0	0			FSF is closed.
	Lonsdale Market and Deli	3208 Rudy Street		Medium	none	1500	1	1		1	0	0			
FOG-1274	Gosh Ethiopian Restaurant	3609 Sutherland Avenue		Medium	50	none	1	1		1	0	0			
FOG-1278	Sweet Ce Ce's	4477 Kingston Pike	No	Low	30	none	2	2		2	0	0			FSF is closed.
FOG-1280	Sequoyah Grille LLC	4429 Kingston Pike	No	Low	none	1500	1	1		1	0	0			FSF is closed.
	Poulavah Hut	1931 Magnolia Avenue	No	Low	40	none	1	1		1	0	0			FSF is closed.
FOG-1290		6901 Kingston Pike		Medium	none	1500	2	1	1	1	1	0	Yes	GCE malfunction	
	Latitude 35	16 Market Square	NI-	Unacceptable	220	none	4	2	2	2	2	0			F0F: 1 1
FOG-1293	La Tortilla Market	4705 Central Avenue Pike 3603 Chapman Highway	No	Low	30 40	none	2	1		2	0	0			FSF is closed FSF is closed
	Osaka Grille & Sushi Buffet	4009 Chapman Highway	No	Low Medium	none	none 1500	2	2		2	0	0	+		FSF is closed
	Chicago Grill	4550 Chapman Highway	No	Low	none	none	2	2		2	0	0			FSF is closed.
FOG-1321	Favorite Market	4323 Chapman Highway	No	Low	none	none	2	2		2	0	0			No food production at facility.
FOG-1325		4531 Chapman Highway	No	Low	none	none	2	2		2	0	0			FSF is closed.
	Asian Express	4409 Chapman Highway Suite R	No	Low	none	2000	1	1		1	0	0			FSF is closed.
	Bliss Entertainment	116 Central Avenue		Medium	30	none	1	1		1	0	0			
	Aunt Helmas Country Store	8606 Asheville Highway	No	Low	none	1000	2	2		2	0	0			FSF is closed.
FOG-1591	A Taste of Miami	506 S. Harrison Street	No	Low	40	none	1	1		1	0	0			FSF is closed.
E06 /	D71.4	2045 0 11 1 1 1		l.,				1] .				Insufficient GCE	
FOG-1600		3615 Sutherland Avenue	N1-	Unacceptable	20	none	1 1	1 1	-	1	1 1	0	Yes	No flow restrictor	FOE is alread
	That Burger Joint	3001 Knoxville Center Drive 7706 S. Northshore Drive	No	Low	50	none	1 2	1	4	1	0	0			FSF is closed.
	Pero's On The Hill Brewskies Too	3846 Martin Mill Pike	No	Medium Low	none 40	1000 none	2	1 1		1	0	0			FSF is closed.
FOG-1626		300 Cedar Lane	No	Low	40	none	3	2	1	2	1	0			No food production at facility.
FOG-1635		1700 Merchants Drive	. 10	Medium	40	none	3	2	1	2	1	0	Yes	No flow restrictor	1.10 1000 production at identify.
	Aegean Mediterranean Restaurant	4861 Kingston Pike	No	Low	none	1000	4	4	· ·	4	0	0			FSF is closed.
	Goal Post Tavern	1824 Cumberland Avenue		Medium	none	1500	2	1	1	1	1	0			
												1		No flow restrictor	
	Menchies Frozen Yogurt	234 Brookview Centre Way		Unacceptable	40	none	3	2	1	2	1	0	Yes	Insufficient GCE	
	Lunch Box BankEast	607 Market Street		Unacceptable	8	none	2	2		2	0				
	Lunch Box Cherokee Mills	2250 Sutherland Avenue Suite 125		Medium	50	none	4	2	2	2	2				
FOG-1868	E. M. Jellinek	130 Hinton Avenue		Medium	none	1000	1	1 1	1	1	0	0		DW 4- OT	
FOO 4070	had Dira Madad	542 Union Avenus		Lineage	200				_	.	.	_		DW to GT	
	Just Ripe Market	513 Union Avenue 4921 Homberg Drive Suite E		Unacceptable	200	none	2	1 1	1	1	1 1	0		No flow restrictor	
	Stillhouse Tavern J&D's Soul Food	1908 Schofield Street	No	Unacceptable Low	50 40	none none	2	2	 	2	0	0	Yes	Insufficient GCE	FSF is closed.
	City View Baptist Church	2311 Fine Avenue	INU	Low	none	1000	1	1		1	0	0			FOF IS GIUSEU.
	Three Rivers Market	1100 N. Central Avenue		Medium	none	1500	2	2	1	2	0	0			
	Shalimar Indian Restaurant	823 Melrose Place	No	Low	200	none	1 1	1		1	0	0			FSF is closed.
FOG-1885	Midway Rehab Center	1515 Magnolia Avenue	.,,	Unacceptable	70	none	1	1	1	1	0	0			
FOG-1887	Big Tiny's Grill	6520 Chapman Highway Ste. C	No	Low	120	none	2	2		2	0	0			FSF is closed.
FOG-1891	Froyoz	124 N. Forest Park Blvd.		Medium	40	none	3	2	1	2	1	0			
FOG-1893	Prime Time	800 South Gay Street		Low	40	none	1	1		1	0	0			
	The Edge Of Knoxville Inc.	7211 Kingston Pike		Unacceptable	40	none	2	1	1	1	1	0			
	The Grill At Highland Row	4705 Old Kingston Pike		Medium	none	1500	2	1	1	1	1	0			
FUG-1921	The Plaid Apron	1210 Kennesaw Avenue		Medium	none	1500	2	1 1	1	1	1	0			

				Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
Column	PermitNo	Facility Name	Address									NONCs	NOVs		GCE Potential Concern	Comments
96 Sept				000.					2							
March Marc			2908 Magnolia Avenue		Medium		1000	1	1		1	0	0			
March Marc									2							
Manufactor Man								2	· ·	1	-			Yes	Impeded access to GCE	
Proceedings	FOG-1948	Cook Out	6920 Kingston Pike		High	none	1000	1	1		1	0	0		Inc. Hisiant CCF	
1965 1965	EOC 1051	Dannung #6757	4418 Western Avenue		Linaccontable	30	nono		2			4	0	Voo		
March Marc									1	1	_			res	NO HOW TESTITICION	
Section Sect								1	1	'						
Proceedings	100-1070	Cileduais	2013 Chillion Frightway		Wicalam	HOHE	5000	'	<u>'</u>		'	-	0		Insufficient GCF	
1999 1999	FOG-1973	Jazzv Lvnn	4680 Holston Drive		Unacceptable	20	none	2	1	1	1 1	1	0	Yes		
18.00 19.0								2	1	1	1	1	0			
Color Colo		•													DW to GT	
Color Colo	FOG-1975	Boyd's Jig and Reel	101 S. Central Street		Unacceptable	200	none	1	1		1	1	0	Yes	No flow restrictor	
10	FOG-1977	Sergeant Pepperoni's Pizza			Unacceptable	40		2	2		2	0	0			
16 - 10 17 18 18 18 18 18 18 18									1	1						
ECC. 50 File Inference Co. 50 Co.																
The color of the								•	1							
Manual Property of Section Manual Property Section Manual Proper								2	2							
The proof and Manke well [ab]				NO				1 1	4	1	•			Vas	Inqufficient CCF	
1995 1995								1 2	1	1				Yes	Insumcient GCE	installed 300 gallon Proceptor 10-2013
Company Comp								1	1	-						
1969-2008 1969				No				+ 1	1 1	+						FSF is closed
Proceedings								3	2	1						
Fig. 2-12 Formation Form										 '						
FROM From the Company From				140				·		2						nto 1004 production at raciity.
150,000 150,				No				· ·	2							FSF is closed.
Comparison Com									1	1				Yes	One manhole	1 01 10 000000.
Process Proc									2	1	2					
Proceedings 1985 Section of Control Cont								1	1		1	0	0			
Company Comp		•	J.: 3								1		1		Insufficient GCE	
Content Section Content Cont	FOG-2208	Red Onion Pizza & Sub	3625 Sutherland Avenue		Unacceptable	30	none	1	1		1	1	0	Yes		
Fig. 2 Fig.			3840 Holston Drive			80	none	1	1		1	0	0			
Fig. Page	FOG-2214	Knoxville Chinese Christian Church				none	1000	2	1	1	1					
Proceedings			3120 Chapman Highway		Unacceptable	8	none	2	2		2	1	0	Yes	Insufficient GCE	
Page				No		none		1	1		1	0				FSF is closed.
Margins Attenuate School Margins Plant Margins M	FOG-2218	Richard Yoakley Elementary School	4415 Washington Pike		Medium	none	200	1	1		1	0	0			
Margins Attenuate School Margins Plant Margins M																
Fragment Section Sec	FOG-2219	Rick's Place		No				1	1		'					FSF is closed.
Control Cont	FOG-2220	Ridgedale Alternative School						1	1							
Fig. 2 Sear Journal Sear Journ	FOG-2222	Roundup Restaurant & Ice Cream Parlor														
FOOL STATES PRODUCT									· ·	1	· ·		_			
Proc. Proc								•								
FOO-2228 Surgey Real PR B P C									1	1						
FOO-2229 Sequeryal Elementary School 942 Southgate Road Medium none 1000 1 1 1 0 0				No					1	'						ESE is closed
FSF is closed FSF is close	FOG-2229	Sequevah Flementary School		NO				1 1	1		· ·					i or is doseu.
Proc. 2235 Shoney #1								1 1	1		1					
FGO-2238 Shorey # 12								3	2	1	2			-		
FOG-2248 Storeys #4 Storeys #4 Storeys #4 Storeys #4 Storeys #4 Storeys #6 Store								3	2	1						
FOG-2289 Shorey #8								3	2	1	2					
FOG-2288 Star Fine Indian Cusine 6004 Kingston Pike Unacceptable 0none 1000 1 1 1 0 0	FOG-2236	Shoneys #8					1500	2	1	1	1		_			
FGG-2240 11th Street Expresso House 1016 Laured Avenue No Low 30 none 1 1 1 0 0 FSF is closed. FGG-2246 Strike & Spare Bowling Center 3315 North Broadway Medium 40 none 2 2 2 0 0 FSF is closed FGG-2246 Application 1 1 1 1 0 0 FSF is closed FGG-2247 Application 1 1 1 1 1 0 0 FSF is closed FGG-2247 Application 1 1 1 1 1 0 0 FSF is closed FGG-2247 Application 1 1 1 1 1 1 1 0 Yes One manhole FGG-2247 Application 1 1 1 1 1 1 1 1 1								1	1							
FGG-2243 Alex's Harvana Cafe	FOG-2239	Skate Town	5713 North Broadway Street				none	1	1		1					
FIG-G2243 Strike & Spare Bowling Center 315 North Broadway Medium 40 none 2 2 2 0 0 For G-2244 Applebe's Restaurant 6928 Kingston Pike No Low none 1000 2 2 2 1 0 Yes No nemanole FSF is closed. FOG-2247 Applebee's Restaurant 6928 Kingston Pike No Low none 1000 2 2 1 0 Yes No Restaurant No								1								
FGG-224A Apostolic Kirdide Academy 5020 Pleasant Ridge Road Unacceptable No Low No				No												FSF is closed
FGG-2224 Aunte Anne's FGG-2248 Aunte Anne's FGG-2251 Barley Taproom & Ftzzeria FGG-2250 Michael Funcional Fu									2		2					
FOG-2228 Auflie Ame's 7600 Kingston Pike #1162 Unacceptable 30 none 2 2 2 1 0 Yes No flow restrictor FOG-2225 NHC Healthcare of Ft. Sanders 2120 Highland Avenue Unacceptable none 3000 3 2 1 2 1 0 Ft. No flow restrictor FOG-2251 Barely *1 approx *1 1 0 Ft. Sanders *1 1 0 Ft. Sand									2	<u> </u>	2					
FGG-2248 Auntile Anne's	FOG-2247	Applebee's Restaurant	6928 Kingston Pike	No	Low	none	1000	2	1	1	1	1	0	Yes		FSF is closed.
FGG-2250 NHC Healthcare of Ft. Sanders 2120 Highland Avenue Unacceptable none 3000 3 2 1 2 1 0	E00 00 15		7000 Kin note Bil #4400			22							_			
FOG-2251 Barley's Taproom & Pizzeria 200 East Jackson Avenue Unacceptable none 1000 1 1 1 0 0 0											_	1	0	Yes	INO TIOW restrictor	
FGG-2258 Barnes & Noble Cafe #2838										1						
FGG-2254 Baskin Robbins/Blimpie's	FOC 2251	Barney & Noble Cofe #2022						•		1				1		
FOG-2255 Bearden Elementary School 5717 Kingston Pike Medium none 1000 1 1 1 1 0 0 0				No				·		+						ESE is alogad
FOG-2256 Time Warp Tea Room 1209 N. Čentral Avenue Unacceptable 8 none 2 1 1 1 1 0 Yes Insufficient GCE				INU				1	1	-	1					FOF 18 GIUSEU.
FOG-2257 Bearden High School 8352 Kingston Pike Medium none 4000 1 1 1 1 0 0 0 0 0								2	1 1	1	1 1			Vac	Insufficient CCF	
FOG-2258 Bearden Middle School									·	 				169	mounicient OCE	
FOG-2259 Bearden United Methodist DCC 4407 Sutherland Avenue No Low none none 3 1 2 1 1 0 Yes Insufficient GCE								· · · · · · · · · · · · · · · · · · ·		+						
FOG-2260 Beaumont Elementary School				No				, ,		2				Yes	Insufficient GCF	
FOG-2261 Chick-fil-A 800 South Gay Street P365 No Low 150 none 1 1 1 1 0 0 0 FSF is closed. FOG-2263 Wendy's #4 2401 Chapman Highway Medium none 1000 3 2 1 1 0 0 0									· ·	† -	· ·			. 00		
FOG-2263 Wendy's #4				No				·	· ·							FSF is closed.
FOG-2264 Belle Morris Elementary School 2308 Washington Pike Medium none 1000 1 1 1 1 0 0 0								·		1						
FOG-2265 Paul's Oasis 8021 Kingston Pike Unacceptable 50 none 1 1 1 0 Yes No flow restrictor FOG-2266 Subway 8445 Walbrook Drive Medium none 1500 2 2 2 2 0 0 FOG-2271 Borders Books Music & Café 202 Morrell Road No Low 40 none 1 1 1 1 0 Yes No flow restrictor										1						
FOG-2265 Paul's Oasis 8021 Kingston Pike Unacceptable 50 none 1 1 1 0 Yes No flow restrictor FOG-2266 Subway 8445 Walbrook Drive Medium none 1500 2 2 2 0 0 FOG-2269 Wishbones 6913 Kingston Pike No Low none 1000 4 2 2 2 0 0 FSF is closed. FOG-2271 Borders Books Music & Café 202 Morrell Road No Low 40 none 1 1 1 1 0 Yes No flow restrictor		/					1		1		i i	Ť	Ť		DW to GT	
FOG-2266 Subway 8445 Walbrook Drive Medium none 1500 2 2 2 0 0 0 FOG-2269 Wishbones 6913 Kingston Pike No Low none 1000 4 2 2 2 0 0 FSF is closed. FOG-2271 Borders Books Music & Café 202 Morrell Road No Low 40 none 1 1 1 1 0 0 0 FSF is closed.	FOG-2265	Paul's Oasis	8021 Kingston Pike		Unacceptable	50	none	1 1	1		1	1	0	Yes		
FOG-2269 Wishbones 6913 Kingston Pike No Low none 1000 4 2 2 2 2 0 FSF is closed. FOG-2271 Borders Books Music & Café 202 Morrell Road No Low 40 none 1 1 1 1 0 0 FSF is closed.								2	2			0				
FOG-2271 Borders Books Music & Café 202 Morrell Road No Low 40 none 1 1 1 0 0 FSF is closed.				No					2	2						FSF is closed.
	FOG-2271	Borders Books Music & Café						1	1		1					
								1	1		1					

		Downittod	Tuan Cina	Intercentor Cine	Total	Initial Dayting Fallow up	Inamastica			CCE Under		
PermitNo Facility Name	Address	Permitted User Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Total	Initial Routine Follow-up Inseptions Inspections	Inspection Letters	NONCs		GCE Under Review	GCE Potential Concern	Comments
FOG-2273 Buddy's Bar B Q (Banquet Hall)	5806 Kingston Pike	Unacceptable	none	1500	2	1 1	1	1	0	Keview	GOL I Otelitiai Colicelli	Comments
FOG-2274 Buddy's Bar BQ	4500 N. Broadway Avenue	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	
FOG-2275 Buddy's Bar BQ	4401 Chapman Highway	Medium	none	1500	3	2 1	2	1	0			
FOG-2276 Buddy's Bar BQ	8402 Kingston Pike	Medium	none	1500	1	1	1	0	0			
FOG-2277 Buddy's Bar BQ FOG-2278 Buddy's Bar B Q (Restaurant)	3700 Magnolia Avenue 5806 Kingston Pike	Medium Medium	none	1500 1500	3	2 1	2	0	0	Yes	One manhole	
FOG-2280 Burger King	5310 N. Middlebrook Pike	Medium	none	1000	2	1 1	1	1	0	Yes	One manhole	
FOG-2281 Burger King #11722	7206 Region Lane	Medium	none	1500	3	2 1	2	1	0	100	One marriole	
FOG-2282 Burger King #12141	127 Northshore Drive	Medium	none	1500	2	1 1	1	1	0			
FOG-2283 Burger King #13146	2800 Chapman Highway	Unacceptable	none	1000	3	2 1	2	1	0			
FOG-2284 Burger King #9679	5316 Millertown Pike	Medium	none	1000	2	1 1	1	1	0	Yes	One manhole	
FOG-2285 Burger King FOG-2287 Burger King	8412 Kingston Pike 2806 N. Broadway	Unacceptable Unacceptable	none	2500 1000	2	1 1	<u>1</u>	1	0	Yes Yes	One manhole One manhole	Replaced 1 lid 1000 gal with dual lid 2500 gal GI 10-2013
FOG-2288 Burger King #5346	319 Merchants Road	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	
1 00 EE00 Burger rang nooro	o to Moronanto read	Опасосрасно	110110	1000	_			'	Ů	100	Insufficient GCE	
FOG-2291 Cajun Cafe & Grill	7600 Kingston Pike, Suite 1348	Unacceptable	40	none	2	2	2	1	0	Yes	No flow restrictor	
FOG-2292 Calhoun's Banquet and Catering Kitchen	400 Neyland Drive	Unacceptable	none	1000	1	1	1	1	0	Yes	One manhole	
FOG-2293 Calhoun's On Bearden Hill	6515 Kingston Pike	Unacceptable	none	1000	2	2	2	0	0			
FOG-2294 Cancun	4409 Chapman Highway	Unacceptable	200	none	1	1	1	0	0			F05: 1 1
FOG-2295 Tekila Mexican Restaurant FOG-2296 Cancun Mexican Restaurant & Cantina	904 Merchants Drive 4829 N. Broadway	No Low High	none	1000 1000	2	2	2 1	0	0			FSF is closed.
FOG-2297 Panasonic Electronic Devices Corporation	5105 South National Drive	No Low	30	none	1	1 1	<u> </u>	0	0			FSF is closed.
FOG-2298 Captain D's # 3204	812 Merchants Drive	Unacceptable	none	1000	3	2 1	2	1	0	Yes	One manhole	1 31 13 Gloseu.
FOG-2299 Captain D's #3205	4320 Chapman Highway	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	
FOG-2300 Captain D's #3406	3121 N. Broadway Avenue	No Low	none	1000	2	2	2	0	0			FSF is closed.
FOG-2301 Cardins Drive-In	8529 Asheville Highway	Medium	40	none	1	1	1	0	0	_		
FOG-2302 Carmike Cinemas 10	5020 Millertown Pike	Medium	40	none	5	1 4	1	2	0			
FOG-2303 Carter Elementary School	9304 College Lane	Medium	none	1200	1	1	1	0	0			
FOG-2304 Carter High School FOG-2305 Carter Middle School	210 Carter School Road 204 Carter School Road	Medium Medium	none	2000 1500	1 1	1	<u>1</u> 1	0	0			
FOG-2306 Knoxville Adaptive Education Center	5719 Kingston Pike	Medium	none	1500	1 1	1	1	0	0			
FOG-2307 Don Pablo's	2916 Knoxville Center Drive	Unacceptable	none	1000	3	1 2	1	2	0			
FOG-2309 Dynasty Express	4911 N. Broadway	Medium	40	none	2	1 1	1	1	0			
FOG-2310 Kiwanis-East II Head Start	2330 Prosser Road	Medium	none	1000	1	1	1	0	0			
FOG-2311 Puleo's Grille	110 Cedar Lane	Medium	none	2000	2	2	2	0	0			
F00 2040 01 4 1 21 01 4 71	1007.0		450		2						DW to GT	
FOG-2312 Stefano's Chicago Style Pizza FOG-2314 Sonic	1937 Cumberland Avenue	Unacceptable Medium	150 none	none 1500	2	1 1	1 1	1	0	Yes	Insufficient GCE	
FOG-2314 Sortic FOG-2316 South's Finest Chocolate	5722 Kingston Pike 1060 Worlds Fair Park Drive	Medium	20	none	1	1 1	<u> </u>	0	0			
FOG-2318 Central Baptist Church Early Child Ctr.	5364 N. Broadway	Medium	40	3000	2	1 1	1	1	0			
FOG-2319 Central Baptist Church of Bearden	6300 Deane Hill Drive	Medium	140	none	1	1		0	0			
FOG-2321 Chandler's Deli	3101 Magnolia Avenue	Unacceptable	40	none	2	1 1	1	1	0	Yes	No flow restrictor	
FOG-2322 Charleys Grilled Subs	7600 Kingston Pike	Medium	40	none	2	2	2	0	0			
FOG-2327 Orange Sports Grill	5512 Clinton Highway	No Low	none	1000	1	1	1	0	0			FSF is closed.
F00 0000 III	4540 North Observe Otres et	B.d eliteres		0000	5						One manhole	
FOG-2328 Happy Garden Chinese FOG-2329 Cherokee Country Club	1510 North Cherry Street 5138 Lyons View Pike	Medium Medium	none	2000 1000	1	4 1	<u>4</u> 1	0	0	Yes	GCE malfunction	
FOG-2331 Coffee & Chocolate	327 Union Avenue	No Low	30	none	1 1	1	1	0	0			No food production at facility.
FOG-2332 Children's Center of Knoxville	301 Frank Street	Medium	40	none	2	1 1		1	0	Yes	No flow restrictor	The look production at lacinty.
FOG-2333 Freedom Christian Academy	4615 Asheville Highway	Unacceptable	none	1000	2	1 1	1	1	0	Yes	One manhole	
FOG-2334 Chili's Restaurant #34	7304 Kingston Pike/The Gallery	Medium	none	1500	2	1 1	1	1	0			
FOG-2336 China Garden	5156 Clinton Highway	No Low	none	1000	2	2	2	0	0			FSF is closed.
FOG-2339 Ginza Japan Steakhouse & Grill	1612 Downtown West Boulevard	No Low	none	2000	1	1	1	0	0			FSF is closed.
FOG-2340 Christenberry Elementary School FOG-2341 Chuck E Cheese #055	927 Oglewood Avenue 8225 Kingston Pike	Medium Medium	none	1000 1500	2	1 2	1 2	0	0			
FOG-2342 Ci Ci's Pizza	8414 Kingston Pike	Medium	none	1000	2	1 1	1		0			
FOG-2343 Ci Ci's Pizza	2885 Tazewell Pike	Medium	none	1000	1	1	<u>:</u> 1	0	0			
FOG-2344 Cinnabon	7600 Kingston Pike	Unacceptable	10	none	2	2	2	1	0	Yes	Insufficient GCE	
											Insufficient GCE	
FOG-2346 Colonel's Delicatessen	4809 Newcom Avenue	Unacceptable	8	none	2	1 1	1	1	0	Yes	No flow restrictor	N. 6. 1. 1. 6. 16. 22
FOG-2347 Columbus Home FOG-2348 Cool Beans Restaurant	3227 Division Street 1817 Lake Avenue	No Low Medium	none	none 1000	1 1	1 1	<u>1</u> 1	0	0			No food production at facility.
FOG-2349 Cappuccino's/Copper Cellar Restaurant	7316 Kingston Pike	Medium	none	1500	1	1	1	0	0			
FOG-2351 Country Table Restaurant	1807 North Cherry Street	No Low	40	none	2	2	2	0	0			FSF is closed.
	, , , , , , , , , , , , , , , , , , ,		-								Insufficient GCE	
											No flow restrictor	
FOG-2352 Coyote Joes	5640 Clinton Highway	Unacceptable	10	none	3	1 2	1	2	0	Yes	GCE malfunction	
FOG-2353 Save A Lot	2003 N. Broadway Avenue	Unacceptable	50	none	1	1	1	0	0			
FOG-2355 Cracker Barrel #12 FOG-2356 Cracker Barrel #170	5001 Central Avenue Pike 1510 Cracker Barrel Lane	Unacceptable	none	3000	3	1 1	1		0			
FOG-2356 Cracker Barrel #170 FOG-2358 Cumberland Tap Room	2200 Cumberland Ave.	No Low	none 30	1500 none	3	1 1	<u>2</u> 1	0	0			FSF is closed.
FOG-2359 Wendy's #28	2904 Knoxville Center Drive	Unacceptable	none	1000	2	2	2	0	0	Yes	One manhole	1 61 16 616364.
FOG-2360 Coffee Cup Café	4700 Holston Drive	No Low	40	none	1	1	1	0	0			FSF is closed.
FOG-2361 Denton's Orange Drink	6914 Kingston Pike	Unacceptable	none	1000	2	1 1	1	1	0	Yes	One manhole	
FOG-2363 Dixson's Bar B Que	1201 E Magnolia Avenue	Medium	40	none	2	1 1	1	1	0	Yes	No flow restrictor	
FOG-2364 Dogwood Elementary School	705 Tipton Avenue	Medium	none	1000	1	1	1	0	0			
FOC 2265 Descirate Pierre #5400	OOO N. Droodurey		40	me			_	_			Insufficient GCE	
FOG-2365 Domino's Pizza #5466 FOG-2366 East TN Regional Juvenile Service Cent.	900 N. Broadway 3321 Division Street	Unacceptable Medium	40	none 2000	2	2	2	1	0	Yes	No flow restrictor	
FOG-2366 East TN Regional Juvenile Service Cent.	8458 Gleason Road	Medium	none	1000	1	1 1	1 1	0	0			
FOG-2368 El Charro	6502 Kingston Pike	Unacceptable		1500	2	1 1 1	1	1	0			
	,	22000					•		. ·			

			Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating	(~gallons)	(~gallons)	Inspections Insepctions		Inspections			NOVs		GCE Potential Concern	Comments
	Fairfield Inn By Mariott Food Svc	1551 Cracker Barrel Lane	No	Low	none	none	2	2	in opeonione	2	0	0	11071011		No food production at facility.
	,													Insufficient GCE	,
	Azteca Market	5223 Clinton Highway		Unacceptable	20	none	2	1	1	1	1	0		No flow restrictor	
	Chaiyo's Thai & Sushi	601 James Agee Street		Unacceptable	100	none	3	1	2	1	2	0		DW to GT	
	First Step II Inc. Young Adventurers	520 Sevier Avenue		Unacceptable	40	none	2	2		2	1	0	Yes	No flow restrictor	
	Florence Crittenton Agency Inc.	1531 Dick Lonas Road		Medium	none	1500	2	2		2	0	0			
FOG-2380	Fountain City Creamery	114 Hotel Avenue		Unacceptable	30	none	3	2	1	2	1	0	Yes	Insufficient GCE	
EOC 2206	Frussies Deli	133 Moody Avenue		Linggeontable	10	none	2	2		2	0	0	Vac	Insufficient GCE No flow restrictor	
	Fulton High School	2509 Broadway, N.E.		Unacceptable Medium	none	1000	2	1	-	1	0	0	Yes	NO HOW restrictor	
FOG-2388		3001 Knoxville Center Drive	No	Low	20	none	1 1	1	+	1	0	0			FSF is closed.
	Gresham Middle School	500 Gresham Road	140	Medium	none	1000	 	1		1	0	0			1 01 13 010364.
FOG-2392	Grill Express	5103 Kingston Pike	No	Medium	20	none	 i 	1 1		1	0	0			FSF is closed.
	Ham 'N' Goodys, Inc.	314 Northshore Drive	140	Medium	40	none	1 1	1		1	0	0			1 01 13 010300.
. 55 2555	Tidili 14 Goodyo, ilio.	CTTTOTALONOIS DITTO		ou.u		110110	·	•				<u> </u>		Insufficient GCE	
FOG-2394	Harby's Pizza & Deli	3718 Walker Boulevard		Unacceptable	30	none	2	2		2	1	0	Yes	No flow restrictor	
FOG-2395	Hardee's #1501798	3318 Chapman Highway		Unacceptable	none	1000	4	2	2	2	2	0	Yes	One manhole	
FOG-2396	Hardee's #1501829	2930 Alcoa Highway		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
FOG-2397	Hardee's #1501837	3718 Western Avenue		Unacceptable	none	1000	2	2		2	0	0			
FOG-2399	Hooter's Restaurant	8050 Kingston Pike		Unacceptable	none	1500	1	1		1	0	0			
FOG-2400	House Of Dragon	1907 Cumberland Avenue		Unacceptable	40	none	2	1	1	1	1	0			
	•				-									DW to GT	
	Magnuson's Hotel Restaurant	7621 Kingston Pike		Unacceptable	40	none	1	1	<u> </u>	1	1	0		No flow restrictor	
	Knoxville Expo Center	5441 Clinton Highway		Medium	40	1500	2	2		2	1	0	Yes	No flow restrictor	
	Jason's Grill & Deli	900 Kermit Dr.	No	Low	40	none	3	3		3	0	0			FSF is closed.
FOG-2408		4710 Old Broadway Street		Medium	14	none	2	2		2	1	0	Yes	Insufficient GCE	
	John T. O'Connor Senior Citizens Center	611 Winona Street	No	Low	40	none	1	1		1	0	0			No food production at facility.
FOG-2412	Kanpai of Tokyo	1645 Downtown West Boulevard	No	Low	none	1500	2	2	1	2	0	0			FSF is closed.
L]			1					GCE too small	
FOG-2415	Kay's Ice Cream	6200 Chapman Highway		Unacceptable	30	none	2	2	1	2	1	0	Yes	No flow restrictor	
				1			1 . 1	1 .						GCE too small	
	Kaya Korean Restaurant	7818 Montvue Center		Unacceptable	50	none	1	1		1	1	0	Yes	No flow restrictor	
	King Tut's Grill	4132 Martin Mill Pike		Medium	40	none	1	1	ļ	1	0	0			
	Knoxville Center Mall	3001 Knoxville Center Drive		Medium	none	1500	1 1	1 1	1	1	0	0	ļ		
	Three Brothers Pizza	200 Woodland Avenue	No	Low	40	none	1	1	_	1	0	0			FSF is closed.
	U.T. Ray's Place	1413 Circle Drive	No	Low	none	none	1	1		1	0	0			No food production at facility.
	Knoxville College Cafeteria	901 College Street		Medium	100	none	2	2		2	0	0			
FOG-2422	Knoxville Convention Center	701 Henley Street		Unacceptable	60	3000	2	2		2	1	0	Yes	No flow restrictor	
E00 0400	Karandila Ella Ladaa #400	0000 I DI			40		2	2		2	١,		V	DW to GT	
FOG-2423	Knoxville Elks Lodge #160 Korea House Restaurant	6000 Lonas Road	NI-	Unacceptable	40	none	2				1	0	Yes	No flow restrictor	FOE :!!
	Korea House Restaurant Krispy Kreme	1645 Downtown West Boulevard #37 6201 Kingston Pike	No	Low Medium	40 none	none 2000	2	2	+	2	0	0			FSF is closed.
FOC 2425	Krispy Kreme	4842 N. Broadway		Medium	none	1000	2	1		1	0	0			
FOG-2427		4414 Asheville Highway		Unacceptable	20	1000	2	1	1	1	0	0	Yes	No flow restrictor	
	Golden Garden Chinese Restaurant	5737 Western Avenue		Medium	40	none	1	1	'	1	0	0	165	NO HOW TESTITICION	
	Oasis Buffet	2011 North Broadway		Medium	95	none	1	1		1	0	0			
	Great American Cookies	7600 Kingston Pike		Medium	40	none	2	2	1	2	0	0			
	Great American Steak & Buffet Co.	900 Merchants Drive	No	Low	none	2000	3	2	1	2	1	0			FSF is closed.
	Great Wraps, # 1312	7600 Kingston Pike	No	Low	40	none	1	1		1	0	0			FSF is closed.
	Hardee's Knoxville #1501785	3926 Asheville Highway	140	Unacceptable	none	1000	3	1 1	2	1	2	0	Yes	One manhole	1 01 10 0100000.
	Hibachi Factory	1645 Downtown West Boulevard # 40		Unacceptable	60	none	1	1		1	1	0		No flow restrictor	
	Ho Ho Chinese Restaurant	1723-B Cumberland Avenue	No	Low	40	none	1	1		1	0	0	. 00		FSF is closed.
	Honey Baked Ham Company	7205 Kingston Pike		Medium	none	1000	1 1	1	1	1	0	0			
	Hong Kong House	8079 Kingston Pike	No	Low	none	1000	1	1		1	0	0			FSF is closed.
FOG-2441	Pride & Joy Children's Academy	4418 Kingston Pike		Medium	40	none	2	2		2	0	0			
	Pizza Palace	3132 Magnolia Avenue		Medium	100	none	2	1	1	1	1	0			
FOG-2443		210 Andrew Johnson Highway		Unacceptable	30	none	2	2		2	1	0	Yes	Insufficient GCE	
														DW to GT	
	Plum Tree Restaurant	7052 Kingston Pike		High	80	none	4	1	3	11	2	0	Yes	Insufficient GCE	
	Pond Gap Elementary	1400 Hollywood Drive		Medium	none	2000	1	1		1	0				
	Puleo's Grille	7224 Region Lane		Unacceptable	none	1000	4	2	2	2	2	0	Yes	One manhole	
FOG-2447		2712 Loves Creek Road		Medium	none	1000	2	1	1	1	1	0			
	Krystal # 13	3910 Western Avenue		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
	Krystal # 6	5219 Clinton Highway		Medium	none	1500	2	2	ļ	2	0	0			
FOG-2451		4100 Chapman Highway		Medium	none	1000	3	2	1 1	2	1	0			
FOG-2452		2815 North Broadway Avenue		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
	Krystal Co. #14	7215 Strawberry Plains Pike		Unacceptable	none	1500	1	1 1	 	1	0	0	.,	0 1 :	
	Krystal Co. #2	1718 Cumberland Avenue		Medium	none	1500	3	2	1 1	2	1	0	Yes	One manhole	Installed dual lid 1500 gal GI
	Tropical Smoothie Cafe	8008 Kingston Pike	NI-	Medium	none	1000	3	1	2	1	2	0	-		F0F :ld
	Lakeshore Mental Health Institute	5908 Lyons View Drive	No	Low	200	none	2	2	+	2	0	0	1		FSF is closed.
	Lariet Lounge	4618 Asheville Highway	No	Low	40	none	1 1	1	1	1	0	0	1		FSF is closed.
FOG-2462		3931 Holston Drive		Medium	40	none	1	1	1	1	0	0	1		
FUG-2463	Fountain City Diner	3029 Tazewell Pike		Medium	none	2000	1	1	+	1	0	0	1	Insufficient GCE	
EOC 2464	Cinala Dizza & Suba	7329 Middlohraak Dika		I Inggoogtable	20	2022	2	1	4	1	4	_	Var		
	Gino's Pizza & Subs	7328 Middlebrook Pike		Unacceptable		none 1000			 		1	0	Yes	No flow restrictor	
FOG-2466		846 N. Central Street		Medium	none	1000	2	2	+	2	0	0	1		
rUG-2467	Little Caesar's Pizza #2803	4322 North Broadway		Medium	20	none	1	1	1	1	0	0		Insufficient CCE	
EOG 2460	Little Caesar's Pizza #2808	4748 Centerline Drive		Unaccentable	20	none	2	1	1	1	4	0	Voo	Insufficient GCE No flow restrictor	
	Little Caesars Pizza #2808 Little Caesars Pizza #052006	4434 Western Avenue		Unacceptable Unacceptable	30	none none	2	2	 	2	1			Insufficient GCE	
	Little Caesars Pizza #052006 Little Italian Subs & Pizza	5104-A Kingston Pike	No	Low	30	none	1	1	1	1	1	0	res		FSF is closed.
03-24/0	LILLIE ILAIIAII JUDS & FIZZA	O TOT-A MINGSOUL FIRE	INU	LUW	30	HOHE	1 '	<u>'</u>	1	<u> </u>	0	U	L		O 13 U U3CU.

		Permitted	Trap Size	Interceptor Size	Total	Initial Routine Follow-up	Inspection			GCE Under		
PermitNo Facility Name	Address	User Risk Rating	(~gallons)	(~gallons)		Insepctions Inspections Inspections			NOVs	Review	GCE Potential Concern	Comments
FOG-2471 Litton's Market & Restaurant	2803 Essary Road	Medium	none	4000	2	2	2	1		Yes	Insufficient GCE	Installed another 2000 gal GI
FOG-2473 Longbranch Saloon	1848 Cumberland Avenue	No Low	none	none	1	1	1	0	0			No food production at facility.
FOG-2474 Lonsdale Elementary	1317 Louisiana Avenue	Medium	none	1500	1	1	1	0	0			
FOG-2475 Lunch Box	800 South Gay Street	No Low	50	none	1	1	1	0	0			FSF is closed.
											DW to GT	
500 0/70	00401111 B:										Insufficient GCE	
FOG-2476 Lunch House	3816 Holston Drive	Unacceptable	55	none	2	1 1	1	1	0	Yes	No flow restrictor Insufficient GCE	
FOG-2477 Lunch Box Market & Cafe at the Atrium FOG-2480 Mandarin House	1225 East Weisgarber Road 314-J Merchants Drive	Unacceptable Medium	20 none	none 1000	3 4	3 1	3	1	0	Yes	Insuπicient GCE	
FOG-2484 Marble Slab Creamery	4835 Kingston Pike Suite 4849	No Low	40	none	2	3 1	2	0	0			FSF is closed.
FOG-2485 Marcella's	2529 Martin Luther King Boulevard	Medium	40	none	1	1	1	0	0			r 3r is closed.
FOG-2486 McAlister's Restaurant	1801 Cumberland Avenue	No Low	none	1000	2	2	2	0	0			FSF is closed.
FOG-2487 McDonalds #11600	5055 North Broadway Avenue	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	. 6. 16 6.6664.
FOG-2488 McDonalds #392	2505 Chapman Highway	Medium	none	1000	3	2 1	2	1	0	Yes	Insufficient GCE	
FOG-2489 McDonalds #27127	7686 South Northshore Drive	Unacceptable	none	1000	1	1	1	1	0	Yes	One manhole	
FOG-2490 McDonalds # 3925	322 Merchants Drive	Medium	none	1500	2	2	2	0	0			
FOG-2491 McDonalds #10662	7402 Strawberry Plains Pike	Medium	none	2500	5	2 3	2	1	0			
FOG-2492 McDonalds #1243	7030 Kingston Pike	Unacceptable	none	2000	3	1 2	1	2	0			
FOG-2493 McDonalds #2495	1720 Cumberland Avenue	Medium	none	2000	2	1 1	1	1	0			
FOG-2494 McDonalds #288	3120 N. Broadway	Medium	none	2000	3	2 1	2	1	0			
FOG-2495 Mellow Mushroom	2109 Cumberland Avenue 4580 Chapman Highway	Unacceptable	none	1000 1000	2	2 2	2	2	0			FCF is alread
FOG-2497 Food City FOG-2500 Mick'Os	5210 E. Schubert Road Suite E	No Low No Low	none	none	2	2	2	0	0			FSF is closed.
FOG-2500 Nilck OS FOG-2501 Rumorz	1820 Cumberland Avenue	Unacceptable	190	none	2	1 1	1	1	0			No food production at facility.
FOG-2503 Arnstein Jewish Community Center	6800 Deane Hill Drive	Low	70	none	1	1 1	1	0	0			
FOG-2504 Misaki Japanese Steak House	8207 Kingston Pike	Medium	none	2000	1	1 1	1	0	0			
FOG-2505 Mooreland Heights Elementary	5315 Magazine Road	Medium	25	none	1	1 1	1	0	0			
FOG-2506 Mount Olive Elementary	2507 Maryville Pike	Medium	none	800	1	1	1	0	0			
, in the second	·										DW to GT	
											Insufficient GCE	
FOG-2507 Mr. Gattis #610	6909 Kingston Pike	Unacceptable	40	none	2	1 1	1	1	0	Yes	No flow restrictor	
FOG-2508 Great American Cookie Company	3001 Knoxville Center Drive	Unacceptable	20	none	2	1 1	1	1	0	Yes	No flow restrictor	
FOG-2509 Mt. Olive Baptist Church DCC	2500 Maryville Pike	Medium	none	1000	1	1	1	0	0			
FOG-2510 Naples Italian Restaurant	5500 Kingston Pike	Medium	none	1000	1	1	1	1	0	Yes	One manhole DW to GT	
											Insufficient GCE	
FOG-2511 New China Restaurant	5003 Clinton Highway	Unacceptable	60	none	2	2	2	4	0	Yes	No flow restrictor	
FOG-2512 Nixon's Deli	5716 Kingston Pike	Medium	40	none	1	1	1	0	0	165	140 flow restrictor	
FOG-2513 O'Charley's # 217	117 Cedar Lane	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	
FOG-2514 The Tin Roof	1915 Cumberland Avenue	Medium	none	1000	2	2	2	0	0		one manner	
FOG-2515 O'Charley's #208	8077 Kingston Pike	Medium	none	2500	1	1	1	0	0			
FOG-2516 Oak Grove Lounge (Closed)	6324 Asheville Highway	No Low	none	none	2	2	2	0	0			FSF is closed.
FOG-2517 Sevier Heights Baptist Church	3232 Alcoa Highway	Medium	none	1000	2	2	2	0	0			
FOG-2518 Old City Java	109 South Central Street	Low	40	none	1	1	1	0	0			
FOG-2519 Old College Inn	1815 Cumberland Avenue	No Low	20	1000	1	1	1	0	0			FSF is closed.
FOG-2520 Olive Garden Restaurant #92	7206 Kingston Pike	Medium	none	1000	3	2 1	2	1	0			
FOG-2521 The Orangery	5412 Kingston Pike	Medium	40	2000	3	1 2	1	2	0			
FOG-2522 The Original Freeze	1305 N. Central Avenue 1840 Cumberland Avenue	Unacceptable	20	none	2	2	2	1	0	Yes	Insufficient GCE	
FOG-2523 Oscar's Restaurant Fine Italialian Cuisine FOG-2524 Outback Steakhouse #4317	314 A Merchants Drive	Unacceptable Unacceptable	80 none	none 1000	2	1 2	2	1	0	Yes Yes	No flow restrictor One manhole	
FOG-2525 Asian Chao	7600 Kingston Pike	Unacceptable	100	none	2	2	2	1	0		No flow restrictor	
FOG-2526 Panda's Chinese Restaurant	4424 Western Avenue	Unacceptable	80	none	2	2	2		0	165	140 flow restrictor	
FOG-2527 Papa John's Pizza	7038 Kingston Pike	Medium	50	none	2	1 1	1	1	0			
FOG-2529 Papa John's	2901 Tazewell Pike	Medium	40	none	3	3	3	0	0			
FOG-2530 Sullivans at Rocky Hill	7545 South Northshore Drive	Unacceptable	none	1000	2	2	2	1	0	Yes	One manhole	
FOG-2531 Patrick Sullivans Steakhouse	100 N. Central Street	No Low	40	none	2	2	2	0	0			FSF is closed.
FOG-2532 Pelancho's Mexican Grill	1516 Downtown West Boulevard	Medium	none	1500	7	1 6	1	1	0	Yes	GCE malfunction	Replaced damaged 1000 gal GI with 1500 GI
				_			_				GCE too small	
FOG-2534 Petros Chili & Chips # 502 West Hills	7005 Kingston Pike	Unacceptable	30	none	2	2	2	1	0	Yes	GCE malfunction	
FOG-2535 Petros Chili & Chips #1	7600 Kingston Pike	Medium	40	none	2	2	2	0	0			
EOG 2536 Potros Chili & China #0/ Knassilla Cantar	3001 Knoxville Center Drive Suite 2229	Linggoontobio	40	nono	2		4	4	0	Vaa	No flow rootricter	
FOG-2536 Petros Chili & Chips #2/ Knoxville Center FOG-2537 Burlington Fish Market	108 Fern Street	Unacceptable Low	40	none none	1	1 1	1	0	0	Yes	No flow restrictor	
FOG-2538 Philippine Connection Carry Out	3225 Magnolia Avenue	Medium	40	none	2	1 1	1	1	0			
1 OG-2000 Fillippine Connection Carry Out	3001 Knoxville Center Drive Suite	Mediani	40	none	2			<u> </u>	U			
FOG-2539 The Sugar Shack	1236	No Low	none	3000	2	2	2	0	0			FSF is closed.
1 00 2000 The ought officer	.200			0000	_	_					DW to GT	. 01 10 0100001
											Insufficient GCE	
											No flow restrictor	
FOG-2540 Pizza Hut #13026	7017 Kingston Pike	Unacceptable	40	none	2	1 1 1	1	1	0	Yes	GCE malfunction	
FOG-2541 Subway	7600 Kingston Pike	Unacceptable	8	none	2	2	2	1	0	Yes	Insufficient GCE	
FOG-2545 Red Fez Deli Express	3201 Magnolia Avenue	Unacceptable	10	none	2	1 1	1	1	0	Yes	No flow restrictor	
FOG-2546 Ruth's Chris Steakhouse	950 Volunteer Landing	Medium	none	1000	1	1	1	0	0			
FOG-2547 Rocky Hill Elementary School	1200 Morrell Road	Medium	none	1000	1	1	1	0	0		DW to CT	
FOC 3540 Becotors	7505 Northelicas Daire	11	00				_		0	V	DW to GT	
FOG-2549 Roosters FOG-2550 Sarku	7585 Northshore Drive 7600 Kingston Pike	Unacceptable	80 60	none none	2	1 1	1	1 1			No flow restrictor	
FOG-2551 Salvation Army Kitchen	409 N. Broadway	Unacceptable Unacceptable	none	1000	2	2 2	2	1	0	Yes Yes	No flow restrictor One manhole	
FOG-2552 Sam & Andy's	2613 West Adair Drive	Medium	40	none	4	3 1	3	1	0	169	One mannote	
FOG-2553 Sam E. Hill Elementary School	1725 Delaware Avenue	Medium	150	none	1	1 1	1	0	0			
. 2 2 2000 Journ 2 Elementary content	20 20.0	Modium	100	110110	'	<u>' '</u>				l .	1	1

			Downsitted		Tuan Cina	Interceptor Cine	Total Initial	Davitina	L Callant un	Increation			L CCE Under		
PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Total Initial Inspections	Routine	Follow-up Inspections			Cs NOV	GCE Under Review	GCE Potential Concern	Comments
	Sam's Restaurant and Deli	4405 North Broadway	0301	Unacceptable	100	none	2	2	mapeetions	2	1		Yes	No flow restrictor	Comments
		3001 Knoxville Center Drive Suite					_	_							
FOG-2555	Sarku	2227		Medium	60	none	1	1		1	0	0			
														DW to GT	
FOG-2556	Sassy Ann's	820 N. Fourth Avenue		Unacceptable	40	none	2	1	1	1	1	0	Yes	Insufficient GCE	
EOC 2557	Savelli's Deli	3055 Sutherland Avenue		Linaccontable	50	nono	1	1		1		0	Vaa	DW to GT Insufficient GCE	
	Savver's At Campus	701 S. 17th Street	No	Unacceptable Low	none	none 1000	1	1		1	0		Yes		FSF is closed.
	Smokey's Sports Pub And Grill Lounge	2613 West Adair Drive	No	Low	30	none	1 1	1		1 1	0				FSF is closed.
	Smoky Mountain VFW	734 Fourth Avenue	140	Unacceptable	40	none	2	1	1	1	1		Yes	No flow restrictor	1 CI 10 GIOCOG.
	Smoothie King	1710 Cumberland Ave.	No	Low	none	none	1	1		1	0				FSF is closed.
FOG-2563		2311 Fine Street	No	Low	none	none	1	1		1	0	0			FSF is closed.
	Sonic Drive-In	5103 Broadway		High	none	1000	2	2		2	0	0			
	St. Mary's Health System, Inc.	900 E. Oak Hill Avenue		Medium	none	3000	1	1		1	0	_			
	Tennessee Riverboat Company	300 Neyland Drive		Unacceptable	50	none	1	1	ļ	1	0				
	Strike & Spare Family Fun Center	5700 Western Avenue		Unacceptable	40	none	3	2	1	1	1		Yes	Impeded access to GCE	
FUG-25/1	Steamboat Sandwiches	7 Market Square		Medium	40	none	1	1	-	1	0	0		DW to GT	
EOG-2573	Stir Fry Cafe	7240 Kingston Pike		Unacceptable	90	none	5	3	2	3	2	0	Yes	Insufficient GCE	
FOG-2574		4803 North Broadway	1	Medium	40	none	1	1	2	1	0		163	Insulicient GCE	
FOG-2575	Subway # 15024	6217 Riverview Crossing		Unacceptable	30	none	2	1	1	1	1		Yes	Insufficient GCE	
	Subway #16	8605 Walbrook Drive		Unacceptable	20	none	2	2	· ·	2	1		Yes	Insufficient GCE	
	Subway #1711	5201 Kingston Pike		Unacceptable	30	none	2	2		2	1		Yes	Insufficient GCE	
FOG-2579	Subway Of Knoxville Inc.	4436 Western Avenue		Unacceptable	17	none	2	2		2	1		Yes	Insufficient GCE	
	Subway Sandwiches And Salads	2625 North Broadway		Unacceptable	30	none	3	3		3	1	0	Yes	Insufficient GCE	
	Subway Sandwiches of Knoxville	2104-1 Cumberland Avenue		Unacceptable	30	none	2	1	1	1	1		Yes	Insufficient GCE	
FOG-2582		1829 Cumberland Avenue		Unacceptable	none	1500	2	1	1	1	1		 ,		
	Subway Shop of Knoxville VI, INC.	3708 Chapman Highway		Unacceptable	30	none	2	2		2	1	_	Yes	Insufficient GCE	
FOG-2584 FOG-2587	Szechuan Garden	4211 Chapman Highway 3001 Knoxville Center Drive	Nic	Medium	none 40	1500	2	2	+	2	0		1		ESE is alread
FOG-2587	Taco Bell #2302	4413 Western Avenue	No	Low Medium	none	none 1000	3	1 2	1	2	1	_			FSF is closed.
	Taco Bell #2379	1900 Cumberland Avenue		Medium	none	1500	3	2	1	2	1				
	Taco Bell #2579	6504 Chapman Highway		Unacceptable	none	1000	5	3	2	3	2		Yes	One manhole	
	Taco Bell #9566	3017 Magnolia Avenue	No	Low	none	1000	1	1		1	0		103		FSF is closed.
	Taco Bell #9575	7414 Kingston Pike		Unacceptable	none	1000	2	2		2	0				1 01 10 010000.
	Taco Bell #20467	6516 Walbrook Drive		Medium	none	1000	2	2		2	0				
FOG-2595	Tekoa Lounge	6659 Oak Ridge Hwy.	No	Low	none	none	2	2		2	0	0			FSF is closed.
FOG-2597	Tennessee School For The Deaf	2725 Island Home Boulevard		High	200	none	1	1		1	0	0			
	Texas Roadhouse	120 Morrell Road		Medium	none	1500	2	1	1	1	1				
	Texas Roadhouse #5	3071 Kinzel Way		Medium	none	1500	3	3		3	0	_			
	Three Ridges Golf Course	6101 Wise Springs Road	No	Unacceptable	none	500	2 2	1 2	1	1	1				FOC :!!
	Ali Baba's Time Out Delicatessen Toot's Little Honky Tonk	8361 Kingston Pike 114 E. Anderson Avenue	No No	Low	30 none	none none	2 2	2		2	0				FSF is closed.
	Taco De Mexico	818 Beaumont Avenue B	INO	Low	20	none	2	1	1	1	1				No food production at facility.
	Union Jacks	124 Northshore Drive	No	Low	none	none	1	1	'	1	0				No food production at facility.
	The Upper Crust	800 South Gay Street	140	Low	30	none	 	1		1	0	_			140 1000 production at lability.
	Vic & Bill's Deli	3553 North Broadway		Medium	40	none	1	1		1 1	0				
	Vine Middle Magnet School	1807 Martin Luther King, Jr. Avenue		Medium	none	1000	1	1		1	0				
FOG-2611	Waffle House #1105	7414 Strawberry Plains Pike		Medium	none	1500	3	3		3	0	0			
	Waffle House # 447	5416 Asheville Highway		Unacceptable	none	1500	1	1		1	0	0			
	Waffle House #766	119-A Cedar Lane		Medium	none	1000	2	2		2	0				
	Waffle House #293	6230 Papermill Road		Medium	none	2000	2	1	1	1	1	0			
	Wendy's # 12	3000 N. Broadway		Unacceptable	none	1000	3	2	1	2	1		.,		
	Wendy's # 13	1806 Cumberland Avenue 7407 Strawberry Plains Pike	-	Unacceptable	none	1000 1000	2	1	1	1	1		Yes	One manhole	
	Wendy's # 24 Wendy's # 31	8305 Kingston Pike		Medium Medium	none none	1000	2 2	1	1	1	1		+		
FOG-2620	Wendy's # 31	4407 Western Avenue	-	Medium	none	1000	2 2	2	+ '	2	0				
	Wendy's # 41	6201 Asheville Highway		Medium	none	1000	2	2		2	0				
	West End Church Of Christ	8301 E.Walker Springs	No	Low	60	none	2	2	1	2	0		1		No food production at facility.
FOG-2623	West Haven Elementary School	3620 Sisk Road		Medium	none	2000	1	1		1	0				1 · · · · · · · · · · · · · · · · · · ·
	West High School	3326 Sutherland Avenue		Medium	none	3000	2	1	1	1	1				
	•													Insufficient GCE	
FOG-2625	Young Star	815 Baxter Avenue		Unacceptable	30	none	3	2	1	2	1	0	Yes	No flow restrictor	
									1					DW to GT	
				l				l .	_		1 .	_	1	Insufficient GCE	
	West Hills Baptist Church	409 North Winston Road		Unacceptable	40	none	3	1 1	2	1	2		Yes	No flow restrictor	
	West Hills Elementary School	409 Vanosdale Drive		Medium	none	1000	1 1	1 1	1	1 1	0		+		
	West Town Mall West View Elementary School	7600 Kingston Pike 1714 Mingle Avenue	 	Medium Medium	none	1000 1000	2	1	1 1	1 1	1				
	Whittle Springs Golf Club Snack Bar	3113 Valley View Road	-	Medium	20	none	2	1 1	1	1	1		+		
	Wishbones	4808 Clinton Highway	 	Unacceptable	none	1000	2	2	+ '	2	1		Yes	One manhole	
	East Knox Elementary School	9315 Rutledge Pike		Medium	none	1500	1	1	†	1	0		103	S.IO MAINION	
	Sunnyview Primary School	412 Bagwell Lane		Medium	none	500	1	1	1	1	0				
	Sarah Moore Greene Elementary School	3001 Brooks Road		Medium	none	2000	1 1	1	1	1	0				
	,								1					DW to GT	
			1											Insufficient GCE	
FOG-2639	Club Leconte	800 S. Gay Street Suite 2700		Unacceptable	200	none	1	1	<u> </u>	1	1	0	Yes	No flow restrictor	
			1						<u> </u>			1		DW to GT	
E00 000		0000 0 11 1 1 1 1 1			_			l .	1					Insufficient GCE	
	Sutherland Deli	2608 Sutherland Avenue Lot D		Unacceptable	8	none	1 1	1	_	1	1	0	Yes	No flow restrictor	
FUG-2643	S & S Cafeteria	4808 Kingston Pike	1	Medium	none	1500	2	2	1	2	0	0			

			Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating	(~gallons)	(~gallons)	Inspections Insepction				NONCs I			GCE Potential Concern	Comments
	Wasabi Japanese Steak House	118 Major Reynolds Place		Medium	none	1500	2	1	1	1	1	0			
FOG-2645		3434 Martin Luther King, Jr. Blvd		Medium	none	1000	1	1		1	0	0			
	Kitts Market Cafe Bonefish Grill	4620 Greenway Drive		Unacceptable	none	1500 2000	3 2	2	1	2	1	0			
	Ramsey's Restaurant	6610 Kingston Pike 5331 Central Avenue Pike	No	Medium Low	none none	1500	3	3	'	3	0	0			FSF is closed.
	South-Doyle Middle School	3900 Decatur Avenue	140	Medium	none	1000	1	1		1	0	0			1 01 13 003Cd.
FOG-2650	PF Changs China Bistro Inc.	6741 Kingston Pike		Medium	none	1000	2	1	1	1	1	0			
	Agave Azul Mexican Grill	4405 Kingston Pike		Medium	none	1500	2	1	1	1	1	0			
	National Guard Armory/ Kitchen	3330 Sutherland Ave.	No	Low	100	none	4	1	3	1	1	0			
	Messiah Lutheran Church	6900 Kingston Pike		Low	none	1000	1	1		1	0	0			
	International House of Pancakes	7218 Kingston Pike		Medium	none	2000	1	1	1	1	0	0			
	Tomo Japanese Restaurant Romano's Macaroni Grill	7315 Kingston Pike 7723 Kingston Pike	No	Medium Low	120 none	none 1000	2 2	1	1	2	0	0			FSF is closed.
FOG-2658		7355 Kingston Pike	No	Low	none	1000	1	1		1	0	0			FSF is closed.
	Central High School	5321 Jacksboro Pike	INU	Medium	none	4000	1 1	1		1	0	0			FSF is closed.
FOG-2660	Kroger #531	4409 Chapman Highway		Medium	none	1500	3	2	1	2	1	0			
	Baptist Hospital	137 Blount Ave.	No	Low	none	1000	2	2		2	0	0			FSF is closed.
	International House of Pancakes #1	5604 Merchants Drive		Medium	none	1000	2	2		2	0	0			
														Insufficient GCE	
	Jacob's Time-Out Deli	5307 Middlebrook Pike		Unacceptable	30	none	2	2		2	1	0	Yes	No flow restrictor	
	Wright's Cafeteria	5403 Middlebrook Pike		Unacceptable	80	none	1	1		1	0	0			
	McDonald's	4420 Western Avenue		Medium	none	1000	1	1		1	0	0		O M I I	
	Taco Bell #16310	2085 N. Broadway		Unacceptable	none	1000	2	2		2	1	0		One Manhole	
	Knoxville Racquet Club	5535 Lonas Road	+	Unacceptable	none	1000	1 2	1 2	1	1	1	0	Yes	No flow restrictor	
	Arby's Roast Beef #618 Red Lobster #253	5228 Clinton Highway 305 Merchants Road	+	Medium Medium	40 none	none 1000	2 2	2	+	2	0	0			
	Ryan's #154	213 Cedar Ln.	No	Low	none	1000	2	2	+	2	0	0			FSF is closed.
	El Chico Restaurant #1	116 Cedar Lane	INU	Unacceptable	none	1000	3	2	1	2	1	0	Yes	One manhole	I OI IS CIUSEU.
	Inskip Elementary School	4701 High School Street	+	Medium	none	1000	1	1	 	1	0	0	100	one manifold	
	Sterchi Elementary School	900 Oaklett Drive		Medium	none	1500	1	1 1		1	0	0			
	Northwest Middle School	5301 Pleasant Ridge Road		Medium	none	1000	1	1		1	0	0			
	Norwood Elementary School	1909 Merchants Road		Medium	none	1500	1	1		1	0	0			
FOG-2677		5322 Millertown Pike		Unacceptable	none	1000	2	1	1	1	1	0			
	Monterrey Mexican Restaurant	105 Cedar Lane		Medium	none	1500	2	2		2	0	0			
	Applebee's Restaurant #1	5316 Central Avenue Pike		Unacceptable	none	1000	3	2	1	2	1	0		One manhole	
	Pizza Hut #12621	212 Cedar Lane		Unacceptable	none	1000	2	2	ļ.,	2	1	0	Yes	One manhole	
	Copper Cellar / Cumberland Grill	1807 West Cumberland Avenue	NI-	Unacceptable	none	2000	2	1 1	1	1	1	0			
FOG-2683		1501 White Avenue	No	Low	none 40	none	1 2	1 1	1	1	0	0			No food production at facility.
	Hibachi Factory Hardee's Restaurant	1815 Cumberland Avenue 7201 Kingston Pike		Medium High	none	none 1500	2 2	2	<u> </u>	2	1	0			
	Taco Bell #16498	4854 N. Broadway		Medium	none	1000	1	1		1	0	0			
	Hardee's #1501786	2919 Tazewell Pike		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
	Arby's Roast Beef #153	6903 Kingston Pike		Unacceptable	30	none	2	1	1	1	1	0	. 00		
	Long's Drug Store	4604 Kingston Pike		Medium	40	none	3	2	1	2	1	0	Yes	No flow restrictor	
	Red Lobster # 47	8040 Kingston Pike		Medium	none	3000	2	1	1	1	1	0			
	McDonald's #264	2812 Magnolia Avenue		Unacceptable	none	1000	2	1	1	1	1	0			
FOG-2694	Arby's Roast Beef #6770	7122 Strawberry Plains Pike		Unacceptable	40	none	3	2	1	2	1	0		Insufficient GCE	
														DW to GT	
				1								_		Insufficient GCE	
FOG-2695		4100 Asheville Highway		Unacceptable	40	none	2	1 1	1	1	1	0	Yes	No flow restrictor	
	Ruby Tuesday #4155 Taco Bell #20909	750 Brakebill Rd. 7211 Strawberry Plains Pike		Unacceptable	none	1500	1	1 1	1	1	0	0			
FOG-2697 FOG-2700		1909 Cumberland Avenue	No	Medium Low	none 40	1000 none	2	1 1	<u> </u>	1	0	0			FSF is closed.
	Panera Bread	4855 Kingston Pike	INU	Medium	none	1000	2	1 1	1	1	1	0			FSF is closed.
FOG-2702		3311 Broadway		Unacceptable	none	1000	2	2	'	2	1	0	Yes	One manhole	
	Panera Bread	2000 Cumberland Avenue		Medium	none	1000	2	1	1	1	1	0	100	Cite mannole	
	Arby's Roast Beef #1497	2657 Magnolia Avenue	1	Unacceptable	30	none	1	1		1	0	0			
FOG-2706	KFĆ	4200 Chapman Highway		Medium	none	1500	3	1	2	1	2	0			
FOG-2707		2456 E. Magnolia Avenue	No	Low	none	1000	3	3		3	0	0			FSF is closed.
FOG-2708		4419 Western Avenue		Medium	none	1500	2	1	1	1	1	0	_	·	
FOG-2709		2918 N. Broadway	1	Medium	none	1000	3	2	1	2	1	0			
FOG-2710		5266 Millertown Pike		Medium	none	1000	2	2	_	2	0	0			
FOG-2711		1030 Shumard Road 430 Gay Street	Ne	Medium	none	1500	3	2	1	2	1	0			ESE is along
	Arby's Roast Beef #719 Chesapeakes	500 Henley Street	No	Low Medium	40 none	none 1000	2	1	+	2	0	0			FSF is closed.
FUG-2/13	υπεραμεανερ	JOO Fichicy Street	+	ivieuiulii	none	1000		+ '	+	 	U	U		DW to GT	
								1						Insufficient GCE	
FOG-2714	Church Street United Methodist Church	900 Henley Street		Unacceptable	190	none	2	1	1	1	1	0		No flow restrictor	
	Magnolia Cafe	2405 Magnolia Avenue		Unacceptable	50	none	2	1	1	1	1	0			
		<u> </u>	1	1 1 1 1 1 1 1 1 1				1		<u> </u>		-		DW to GT	
								1						Insufficient GCE	
	Senor Taco	3325 North Broadway Avenue		Unacceptable	50	none	2	2	1	2	1	0	Yes	No flow restrictor	
	Vol Market #3	3400 Western Avenue		Medium	40	none	2	2		2	0	0			
FOG-2720	Backyard Burgers #1145	5310 Kingston Pike	No	Low	none	1000	2	2		2	0	0		·	FSF is closed.
				l										No flow restrictor	
	Lenny's Sub Shop	4622 Kingston Pike		Unacceptable	40	none	1	1	1	1	1	0		GCE malfunction	
	Dippin Donuts	7044 Kingston Pike		Unacceptable	none	1000	3	2	1 1	2	1	0		One manhole	
	Sonic #2315 McDonalds #11484 (Closed)	4515 Chapman Highway 6526 Chapman Highway	Nic	Unacceptable	none	1000 1000	3	2	1	2	1	0	Yes	One manhole	ESE is along
	Arby's Roast Beef #567	2819 Chapman Highway	No	Low Medium	none 40	none	2	2	+	2	0	0			FSF is closed.
	Sapphire Restaurant	428 South Gay Street		Unacceptable		none	2	1	1	1	1	0			
100-2120	Cappinio Nostaurant	TEO OCULII Day Olicel	1	o nacceptable	_ - U	HOHE			1 1	1 1		J			İ

			Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection		16	CE Under		
PermitNo	Facility Name	Address	User	Risk Rating	(~gallons)	(~gallons)	Inspections Insepction		Inspections		NONCs			GCE Potential Concern	Comments
FOG-2727	Marble Slab Creamery #2	7600 Kingston Pike	No	Low	30	none	1	1		1	0	0			FSF is closed.
FOG-2728		1325 North Cherry Street		Unacceptable	20	none	1	1		1	0	0			
	Pavillion 117	5616 Merchant Center Boulevard		Medium	none	1000	3	2	1	2	1	0			
	Hooter's #2	5005 Central Avenue Pike		Medium	none	1500	3	2	1	2		0			
	McAlister's #2	232 Morrell Road 1215 N. Central Ave.	No	Medium	none	1000	3	2	1	2	1	0			No food production of facility
FOG-2733	Firehouse Subs #191	1708 Cumberland Avenue	INO	Low Medium	100 100	none none	2	1 1	1	1	0	0			No food production at facility.
	Salsarita's Fresh Cantina	100 Jack Dance Street		Unacceptable	none	1500	2	2	1	2	0	0			
	Kick Shots Sports Bar	3810 Chapman Highway	No	Low	50	none	2	2		2	0	0			FSF is closed.
	Quizno's Subs	1517 White Avenue	140	Medium	none	3000	1	1		1	0	0			1 01 13 00300.
FOG-2740		3001 Knoxville Center Drive		Medium	20	none	2	1	1	1	1	0	Yes	Insufficient GCE	
FOG-2741		7063 Kingston Pike		Unacceptable	none	1500	2	1	1	1	1	0			
FOG-2742		7600 Kingston Pike		Medium	50	none	1	1		1	0	0			
FOG-2743	Chick-fil-A	3001 Knoxville Center Drive		Unacceptable	74	none	2	2		2	1	0	Yes	No flow restrictor	
														Insufficient GCE	
														No flow restrictor	
														GCE malfunction	
	Gus's Good Time Deli	815 Melrose Place		Unacceptable	30	none	2	1	1	1	1	0	Yes	Impeded access to GCE	
	Fort Sanders Hospital	1901 Clinch Avenue		Medium	none	3000	2	2		2		0			
FOG-2746	Food City #689	2939 Alcoa Highway	No	Low	none	1000	1	1		1	0	0			FSF is closed.
	Food City #655	7510 Asheville Highway		Medium	none	1000	2	2		2	0	0	.,		
	Subway # 21	7701 Northshore Drive		Unacceptable	20	none	2	1	1 1	1	1	0	Yes	Insufficient GCE	
	Food City # 673	4216 N. Broadway Avenue		Unacceptable	none	1000	3	2	1 1	2	1	0			
	Food City # 677	5078 Clinton Highway 3051 Kenzel Road		Medium	none	1500 2000	2	2	1	2	0	0			
rug-2/54	McDonalds (Walmart)	SUST NETIZET KORO		Unacceptable	none	∠000	2	1	1	1	1	0		Insufficient GCE	
EOG 2755	Time Out Deli Market	1500 Magnolia Avenue		Unacceptable	10	none	3	2	1	2	1	0	Yes	No flow restrictor	
1.00-5100	Time Out Dell Warket	1500 Wagnolia Avenue	-	Unacceptable	10	none	3		+ '		1	U	168	Insufficient GCE	
FOG-2756	Riverside Market	2100 Riverside Drive		Unacceptable	20	none	1 1	1		1	1	0	Yes	No flow restrictor	
	Sam's Club #8256	8435 Walbrook Drive	+	Medium	none	3000	2	2	+	2	0	0	162	INO HOW ICSUICIOI	
	Kroger # 506	2217 N. Broadway		Medium	50	none	1	1		1	0	0			
FOG-2762	Heritage Assisted Living	1585 Coleman Road		Unacceptable	none	1000	1 1	1		1	1	0	Yes	One manhole	
FOG-2763	Handy Dandy Market #5	3215 S. Haven Road		Medium	40	none	2	2		2	0	0	163	One mannole	
FOG-2764	Honey Baked Ham #2	5308 Washington Pike		Medium	40	none	2	2		2	0	0			
FOG-2765	McDonalds	5260 Millertown Pike		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
	Steak Out # 1	7836 Kingston Pike	No	Low	40	none	 	1		1	0	0	100		FSF is closed.
FOG-2767		5338 Millertown Pike		Medium	none	1000	2	2		2	0	0			
FOG-2768		2912 Knoxville Center Drive		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
	Long John Silver's	4416 Western Avenue		High	none	1000	1	1		1	0	0			
	· ·			Ĭ										DW to GT	
														Insufficient GCE	
	Pizza Hut #12628	5701 Western Avenue		Unacceptable	40	none	4	3	1	3	1	0	Yes	No flow restrictor	
	Central Park	4417 Western Avenue		Unacceptable	none	1000	2	2		2	1	0	Yes	One manhole	
FOG-2773	Country Kitchen	1108 Beaumont Ave.	No	Low	40	none	1	1		1	0	0			FSF is closed.
														DW to GT	
														Insufficient GCE	
FOG-2774	Pizza Hut #12632	2405 Chapman Highway		Unacceptable	70	none	2	2		2	1	0		No flow restrictor	
FOG-2776	Subway # 4	7327 Kingston Pike		Unacceptable	30	none	2	1	1	1	1	0	Yes	Insufficient GCE	
FOG-2779		7600 Kingston Pike		Unacceptable	50	none	2	2		2	0	0			
	T.G.I. Friday's	135 Northshore Drive	No	Low	none	1000	1	1		1	0	0			FSF is closed.
	Starbucks Coffee	2017 Cumberland Avenue		Unacceptable	none	1500	3	2	1	2	1	0			
FUG-2783	Hot Bagel Co./GSA Court House Cafe/Federal Court Building	800 Market Street		Low	40	1000	1	1	-	1	0	0		DW to CT	
										1				DW to GT	
EOC 2704	Molting Det	111 North Control Street		I Inggesert-t-	60	man -			4	4	_	_		Insufficient GCE	
	Melting Pot Ruby Tuesday's #4262	111 North Central Street	1	Unacceptable	68	none 1000	2	1	1	1	1	0	Yes	No flow restrictor	
	Holston Hills Country Club	6606 Clinton Highway 5200 Holston Hills Road	+	Unacceptable Medium	none	1000	4	1	2	2		0			
	Knoxville Zoological Gardens	3500 Knoxville Zoo Drive		Medium	none 40	1500	2	1	1	1 1	1	0			
	Love Kitchen	2418 Martin Luther King Jr. Avenue	-	High	70	none	2	1 1	1	1 1		0			
100-2180	LOTO INICIPOIT	2.110 Martin Lattier King Jr. Avenue		riigri	7.0	HOHE	-	+ '-	+ '	 '	-			DW to GT	
FOG-2792	Golden Roast	825 Melrose Place		Medium	200	none	4	1	3	1	1	0			Installed (2) 100 lb. GTs in series
	Austin-East High School	2800 Martin Luther King Boulevard	1	Medium	none	1500	1	1	3	1	0	0	163	mounicial OOL	motanea (2) 100 ib. O 13 iii 30iio3
	Chilhowee Elementary School	5005 Asheville Highway	+	Medium	none	1000	1 1	1	†	1		0			
	Holston Middle School	600 Chilhowee Drive	1	Medium	none	1500	1 1	1	1	1		0			
	Spring Hill Elementary School	4711 Mildred Drive	1	Medium	none	1000	1 1	1	1	1 1		0			
	Whittle Springs Middle School	2700 White Oak Lane	1	Medium	none	1500	1 1	1		1 1		0			
	Marriot Hotel	500 Hill Avenue	1	High	490	none	1 1	1	1	1 1	0	0			
FOG-2800		141 W. Anderson Avenue	No	Low	40	none	1	1		1		0			FSF is closed.
	Fountain City Elementary School	2910 Montbelle Drive		Medium	none	1000	1	1		1		0			
FOG-2802	Ritta Elementary School	6228 Washington Pike		Medium	none	800	1	1		1		0			
	Hemphill's Market & Deli	2549 Holbrook Drive		Low	10	none	2	1	1	1		0			
														DW to GT	
										1				Insufficient GCE	
FOG-2804	Bistro at The Bijou	807 South Gay Street		Unacceptable	140	none	1	1		1	1	0		No flow restrictor	
	,	•								1				Insufficient GCE	
FOG-2805	Tennessee Theatre	604 South Gay Street		Unacceptable	30	none	1	1		1	1	0		No flow restrictor	
		•								1				Insufficient GCE	
FOG-2806	Napoli Pizza & Grill	4409 Chapman Highway		High	30	none	2	2		2	1	0		No flow restrictor	
	Knoxville Golf Course	3925 Schaad Road		Medium	30	none	2	1	1	1	1	0			
	Subway # 12	25 Market Square		Medium	20	none	2	2		2		0			
	•								1						

			Danneittad		Tuen Cine	Intercentor Cine	Total Initial	Davitina	Fallani un	l luanastian			CCE Under		
PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Total Initial Inspections Insepction	Routine ns Inspections		Inspection Letters		NOVs	GCE Under Review	GCE Potential Concern	Comments
	i domy rame	111111111111111111111111111111111111111			(gamene,	(gament)						11010	11011011	DW to GT	
E00 0000	Mr. 1	505.11 1 01 1		l	400					•			.,	Insufficient GCE	
	Windows on the Park (Holiday Inn) Moe's Southwest Grill	525 Henley Street 1800 Cumberland Avenue		Unacceptable Medium	190 30	none none	2	1		1	0	0	Yes	No flow restrictor	
	Anna's Market & Deli	941 Virginia Avenue		Medium	50	none	1	1		1	0	0			
FOG-2814	King's Market # 2	1300 West Baxter Avenue	No	Low	40	none	2	2		2	0	0			No food production at facility.
	Village Bakery	6202 Chapman Highway		Medium	40	none	3	2	1	2	1	0			
	Food City #674	5941 Kingston Pike		Unacceptable	none	1000	1	1		1	0	0			
	Food City #685 Annu's Market & Deli	4805 N. Broadway 1607 6th Avenue		Unacceptable Medium	none 40	2500 none	2 2	2	1	1	1	0			
1 00-2020	Allilu's Walket & Deli	1007 Our Avenue		Mediaiii	70	none	2	<u>'</u>	'	'	'	1 0		Insufficient GCE	
FOG-2821	Seventeenth Street Market & Deli	115 17th Street		Medium	40	none	2	1	1	1	1	0	Yes	No flow restrictor	
														Impeded access to GCE	
							_							Insufficient GCE	
FOG-2824	Kroger # 870 Al's Market & Deli	4440 Western Avenue 2900 Sevier Avenue		Unacceptable Unacceptable	20 40	none none	2 2	2		2	1	0	. 00	No flow restrictor No flow restrictor	
	Sonic # 4789	2742 Schaad Road		Medium	none	1500	2	2		2	0	0	162	INO HOW TESTITICION	
	McAlister's #1126	2758 Schaad Road		Medium	none	1000	3	2	1	2	1	0			
FOG-2830	Big Fatty's	5005 Kingston Pike		Medium	none	1000	2	1	1	1	1	0			
	Knoxville Coliseum	500 Howard Baker Jr. Avenue		Unacceptable	20	none	1	1		1	0	0	Yes	Insufficient GCE	
	U.T. Hess Hall KFC Express	1720 Melrose Place		Medium	40	none	1	1		11	0	0			
	Entertainer Catering Maynard Elementary School	1209 Heiskell Avenue 737 College Street		Unacceptable Medium	100 none	none 1500	2	2	+	2	0	0			
FOG-2835	Pleasant Ridge Elementary	3013 Walnoaks Road		Medium	none	1500	1	1	+	1	0	0			
FOG-2836	Sacred Heart Cathedral	711 Northshore Drive		Medium	none	2000	1	1		1	0	0			
FOG-2837	Lenny's Sub Shops	2901-G Tazewell Pike		Unacceptable	40	none	0			0	1	0	Yes	No flow restrictor	
	Rite Stop Food Mart	441 Dutch Valley Road		Medium	40	none	2	2		2	0	0			
	Outback Steakhouse #2 Green Magnet Math and Science Academy	7400 Sawyer Lane 800 Townyiew Drive		Medium Medium	none none	3000 1500	3	2	1 1	1	0	0			
	Blues & Jazz Sports Bar	3227 Magnolia Ave.	No	Low	none	none	1	1		1	0	0			No food production at facility.
	Wishbones # 2	2701 Magnolia Avenue	No	Low	none	1000	1	1		1	0	0			FSF is closed.
	Phatz Sports Bar & Grill	3920 Asheville Highway	No	Low	none	1000	1	1		1	0	0			FSF is closed.
	Krystal #KNXF14	5320 Millertown Pike		Medium	none	1000	2	1	1	1	1	0			
	Weigels # 43	4750 Middlebrook Pike		High	30	none	1	1		1	0	0			
	Wallace Memorial Baptist Church Malibu 7 Restaurant & Dance	701 Merchants Drive	No	Unacceptable	300 40	none	1	1 1		1	0	0			FCF is alread
	Pilot Food Mart # 187	2514 Martin Luther King Jr. Boulevard 100 Merchants Drive	No	Low Unacceptable	50	none none	2	2		2	0	0	Yes	No flow restrictor	FSF is closed.
	Pilot Food Mart # 244	2218 Cumberland Avenue		Medium	40	none	1	1		1	0	0	103	TVO HOW TOSTITICION	
FOG-2855	Wok-N-Roll	2828 Magnolia Avenue		Medium	none	1000	2	1	1	1	1	0			
														DW to GT	
E00 0050		400 October October Assessed			20		4							Insufficient GCE	
	Hanna's Cafe #2 Tomato Head Restaurant	102 South Central Avenue 12 Market Square		Unacceptable Medium	30 none	none 1500	3	2	1	2	1	0		No flow restrictor DW to GT	Installed (3) 500 gallon Proceptors in series
	Knoxville Hilton (Market Cafe & Marty's Bistro)	501 West Church Avenue		High	400	none	3	2	1 1	2	1	0		Insufficient GCE	Installed (2) 200 lb. GT in series
. 00 2002	Transville Fillion (Market Gale a Marty & Blotto)	oo i wood ondron wondo		g		110.110				_		† <u> </u>		DW to GT	motalied (2) 200 ib. OT in conce
	Downtown Grill and Brewery	424 S. Gay Street Suite 200		Unacceptable	350	none	1	1		1	1	0	Yes	Insufficient GCE	
	Rankin Restaurant	2200 North Central Avenue		Medium	none	1000	1	1		1	0	0			
	Cracker Barrel # 546 Super Mario	2920 South Mall Road 736 N. Broadway		Medium Medium	none none	2000 1500	3	2	1	2	0	0			
	O'Charley's #361	3050 South Mall Road		Medium	none	1500	1	1	'	1	0	0			
	Mer-Mer's Bakery	617 North Gay Street		Low	40	none	4	4		4	0	0			
	,	<u> </u>												Insufficient GCE	
	Starbucks Coffee #1	501 W.Church Avenue		Unacceptable	30	none	2	1	1	1	1	0	Yes	No flow restrictor	
	Chop House	4870 Harvest Mill Way		Medium	none	2000	1	1		1	0	0			
FUG-2874	Jimmy's Original Southern Pub	2917 Tazewell Pike		Unacceptable	14	none	2	2	-	2	1	0	Yes	Insufficient GCE Insufficient GCE	
FOG-2876	Oriental Express	3001 Knoxville Center Drive		Unacceptable	50	none	2	2		2	1	0	Yes	No flow restrictor	
	Auntie Anne's	3001 Knoxville Center Drive		Medium	20	none	3	2	1	2	1	0		Insufficient GCE	
	Starbuck's Coffee #3	1015 Volunteer Boulevard	No	Low	none	none	1	1		1	0	0			No food production at facility.
	Middlebrook Market & Deli	2902 Middlebrook Pike	No	Low	40	none	3	3	-	3	0	0			FSF is closed.
	Food City # 678 Super Dollar Discount Foods	5801 Western Avenue 4302 Asheville Avenue	No	Medium	none none	1500 1000	2	2		2	0	0			ESE is closed
	Wal-Mart # 2065	8445 Walbrook Drive	No	Low Medium	none	1500	2	2	+	2	0	0			FSF is closed.
FOG-2885		2701 Whittle Springs Road	No	Low	40	none	1	1	1	1	0	0			FSF is closed.
FOG-2886	Pee Wees Diner	5702 Rutledge Pike	No	Low	40	none	1	1		1	0	0			FSF is closed.
FOG-2887	Domino's Pizza	5420 Pleasant Ridge Road	No	Low	30	none	2	2		2	0	0			FSF is closed.
EOC 2000	Subvey # 25	2724 Sohood Dood		Linggeout-ti	20	222	,	_		_	4	_	V	Insufficient GCE	
FOG-2880	Subway # 25 Subway # 23	2734 Schaad Road 314 C Merchants Drive		Unacceptable Unacceptable	30 20	none none	2 2	2	+	2	1	0		No flow restrictor Insufficient GCE	
	Pete's Coffee Shop	540 Union Avenue		Medium	none	1500	1	1	+	1	0	0	169	mounicit GCE	
	Preservation Pub	28 Market Square		Medium	80	none	4	3	1	3	1	0	Yes	No flow restrictor	
FOG-2892	Inskip Food Mart	400 East Inskip Road		Medium	40	none	2	1	1	1	1	0			
	AM & PM Market	2800 East John Sevier Highway		Medium	40	none	2	1	1	1	1	0		· · · · · · · · · · · · · · · · · · ·	
	Wal-Mart # 2310	3051 Kinzel Way		Unacceptable	none	2000	2	1	1 1	1	1	0			
FOG-2895	Subway Okee Dokee Market/ Dairy Queen	5501 Middlebrook Pike 2520 Loves Creek Road	No	Medium Low	40 40	none 1000	1	1 1	+	1	0	0			FSF is closed.
	Knoxville Billiards	3920 Chapman Highway	INU	Low	20	none	2	1	1	1	1	0			i oi is doseu.
FOG-2900		3001 Knoxville Center Drive		Medium	40	none	2	1	1	1	1	0			
FOG-2901	U.T. Hospital	1924 Alcoa Highway Box 48		Medium	none	6000	1	1		1	0	0			
	Sam's Club # 6572	2920 Knoxville Center Drive		Unacceptable	50	7000	2	2	ļ <u> </u>	2	0	0			
FOG-2904	Uniii's	6635 Clinton Highway	1	Medium	none	1500	3	2	1 1	2	1	0	Yes	GCE malfunction	

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PermitNo	Facility Name	Address	Permitted User	Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Total Initial Inspections	Routine s Inspections	Follow-up Inspections		NONCs	NOVe	GCE Under Review	GCE Potential Concern	Comments
	Shannondale Health Care	7424 Middlebrook Pike	USEI	Medium	none	1000	2	1 11spections	1 1 1	1	1	0	Review	GCE Potential Concern	Comments
	Hillcrest Health Care North	5325 Beverly Park Circle		Medium	none	2500	1	1 1	· ·	1	0	0			
	Kindred/North Haven Nursing and Rehabilitation	3300 North Broadway		Medium	none	1500	1	1		1	0	0			
FOG-2908	Serene Manor Hospital	970 Wray Street		Unacceptable	none	1500	2	1	1	1	1	0			
	Holston Healthcare	3916 Boyds Bridge Pike		Unacceptable	none	1000	1	1		1	0	0			
	Brakebill Nursing Home	5837 Lyons View Pike		Medium	none	3000	1	1		1	0	0			
	Hillcrest West	6801 Middlebrook Pike	NI-	Medium	none	1500	2	2		2	0	0			F0F: 1 1
	Hillcrest South Ms. D's Restaurant	1758 Hillwood Avenue 2223 McCalla Avenue	No	Low	none 40	2000 none	2	1	1	1	0	0	Voo	No flow restrictor	FSF is closed.
	Time-Out Deli #2	1428 North Central Avenue		Unacceptable Medium	80	none	2	2	+	2	0	0	Yes	NO HOW TESTITICION	
	Macleod's Restaurant & Pub	501 Market Street	No	Low	40	none	1	1		1	0	0			FSF is closed.
	Tagueria Mexican Food	3701 Chapman Highway Suite B	No	Low	40	none	2	2		2	0	0			FSF is closed.
	Dynasty Express #2	1647 Cumberland Avenue	No	Low	30	none	2	2		2	0	0			FSF is closed.
FOG-2924		106 Major Reynolds Place		Medium	none	1500	2	1	1	1	1	0			
	Golden Wok	7116 Strawberry Plains Pike		Unacceptable	none	1000	2	1	1	1	1	0	Yes	One manhole	
FOG-2927	Backroom BBQ	106 N. Central Avenue	No	Low	40	none	3	3		3	0	0			FSF is closed.
														DW to GT	
E00 0000		1000 0		l la a a a a a da la la	00		4							Insufficient GCE	
	New Amsterdam Bar & Grill Copper Cellar Commissary	1836 Cumberland Avenue 3001 Industrial Parkway		Unacceptable Medium	38	none 1000	1	1 1	1	1	1	0	Yes	No flow restrictor	
	The Campus Deli	1501 White Avenue	No	Unacceptable	none 30	none	2	1	1	1	1	0			FSF is closed.
	Bush Brothers	1018 Weisgarber Road	INU	Low	100	1500	1	1 1	<u>'</u>	1	0	0			FOF IS Closed.
	Food Lion #1545	6221 Riverview Crossing Drive	No	LOW	none	1000	2	2		2	0	0			FSF is closed.
	Rocky Top Market/ Cumberland	2001 Cumberland Avenue	No	Low	40	none	1	1	1	1	0	0			FSF is closed.
FOG-2937	Arby's Roast Beef #7282	2750 Schaad Road		Medium	none	1000	2	2		2	0	0			
FOG-2939	La Fiesta Mexican Grill	5707 Western Avenue		Medium	none	1000	1	1		1	0	0			
	Wing Zone	2121 Cumberland Avenue		Unacceptable	none	1500	2	1	1	1	1	0			
	Jimmy John's Gourmet Sandwiches	1903 Cumberland Avenue		Unacceptable	50	none	3	3	1	3	1	0	Yes	No flow restrictor	
FOG-2946	Cold Stone Creamery	6630 Kingston Pike	No	Low	40	none	2	2	1	2	0	0			FSF is closed.
E00.0047		40.14												DW to GT	
FOG-2947	Oodles Restaurant Shonos in the City	18 Market Square 5 Market Square		Unacceptable Medium	50 40	none	3	2	1	2	1	0	Yes	Insufficient GCE	
FOG-2948		31 Market Square	No	Low	40	none none	2	2	-	2	0	0			FSF is closed.
	McDonald's	206 Walker Springs Road	INU	Medium	none	2000	1	1		1	0	0			FSF is closed.
FOG-2952		3900 Pleasant Ridge Road		Unacceptable	40	none	2	2		2	1	0	Yes	No flow restrictor	
	Kenjo Market #30	6519 Chapman Highway		Medium	30	none	4	1	3	1	1	0	103	140 now restrictor	
FOG-2955	Ingles	215 Cedar Lane		Medium	none	1000	2	2		2	0	0			
	Bellacino's Pizza and Grinders	4841 Kingston Pike	No	Low	50	none	2	2		2	0	0			FSF is closed.
FOG-2958	Kwik Pantry Food Stores	6222 Chapman Highway	No	Low	20	none	1	1		1	0	0			No food production at facility.
FOG-2959	Elmcroft of West Knoxville	8024 Gleason Road		Unacceptable	none	1500	2	1	1	1	1	0			
	Metro Village Market	2410 Martin Luther King Blvd.	No	Low	none	2000	1	1		1	0	0			FSF is closed.
	Nixon's Deli	508 Merchants Drive		Unacceptable	20	none	2	2		2	1	0	Yes	No flow restrictor	
FOG-2963	Knox County Detention Facility	5001 Maloneyville Road		Medium	none	1500	1	1	1	1	0	0		Insufficient CCE	
EOC 2066	Pilot Food Mart #166	4603 Chapman Highway		Linaccontobio	14	none	3	2	1	2	1	0	Yes	Insufficient GCE No flow restrictor	
	East Tennessee Children's Hospital	2018 Clinch Avenue		Unacceptable Medium	none	4500	2	2	'	2	0	0	162	NO HOW TESTITICION	
	Kenjo Market #11	1400 N. Central Avenue		Medium	40	none	2	1	1	1	1	0			
	Cross Ministries	7419 Ball Camp Pike	Yes	Low	none	1000	1	1		1	0	0			
	Arby's Roast Beef #1498	4849 N. Broadway		Unacceptable	30	none	2	2		2	1	0	Yes	Insufficient GCE	
FOG-2972	I Love NY Pizza	6518 Chapman Highway	No	Low	40	none	2	2		2	0	0			FSF is closed.
FOG-2973	Lenny's Sub Shop	6631 Clinton Hwy, Suite 102	No	Low	40	none	2	2		2	0	0			FSF is closed.
FOG-2974		5018 Kingston Pike	No	Low	none	2000	1	1		1	0	0			FSF is closed.
	Panera Bread	4893 N. Broadway	1	Medium	none	2000	1	1	 	1	0	0			
	Louis' Restaurant	4661 N. Broadway 6701 Kingston Pike	+	Medium	none	1000 1500	3	2	1 1	2	1	0			
	Soccer Taco and Catering Magnolia Provisions	2013 Dutch Valley Drive	+	Medium Medium	none	2000	1	1 1	 	1 1	0	0	 		
	House of Thaller	1600 Harris Road	+	High	none	1000	4	2	2	2	2	0			
	Quality Bakers	4529 Holston Drive	+	Unacceptable	100	none	2	1	1	1	1	0	Yes	No flow restrictor	
	Knox Area Rescue Ministries	418 N. Broadway	1	Medium	none	1500	3	2	1 1	2	1	0	. 55		
	Blue Chips Sports Pub & Grill	7815 Kingston Pike		Unacceptable	10	none	1	1		1	0	0			
FOG-2985	Couva Calypsa Café	7805 Montvue Centerway	No	Low	none	1500	2	2		2	0	0			FSF is closed.
FOG-2986	Aubrey's Restaurant	6005 Brookvale Lane		Medium	none	2500	1	1		1	0	0			
	Long John Silver's Seafood	2816 E. Magnolia Avenue		Medium	none	1000	3	1	2	1	2	0			
	Starbucks	7222 Region Lane	No	Low	none	1500	2	2	ļ	2	0	0	ļ		FSF is closed.
	Starbucks Coffee	116 Merchant Drive		Unacceptable	none	1500	3	2	1	2	1	0			
	Qdoba Mexican Grill	7339 Kingston Pike	+	Medium	none	1500	1	1	1	1	0	0	<u> </u>		
	Food City #676	1950 Western Avenue 215 Bearden Place	+	Unacceptable Medium	none	1500 2500	3	2	1	2	0	0	 		
	Senior Citizen Home Assistance Service (SCHAS) Domino's Pizza	2104-2 Cumberland Avenue	+	Unacceptable	40	none	3	2	1 1	2	1	0	Yes	No flow restrictor	
	Marble Slab & Creamery	4885 Broadway Avenue	+	Unacceptable	40	none	3	2	1 1	2	1	0	103	TWO HOW TESTITION	
	Fort Sanders Educational	501 S. 21st Street	+	Medium	50	none	1	1	 	1	0	0	<u> </u>		
	Court South	2934 Alcoa Highway	1	Low	60	none	2	1	1	1	1	0			
FOG-3001	Target #2057	4700 New Harvest Lane	No	Low	none	1500	1	1		1	0	0			No food production at facility.
FOG-3002	Fair Garden Elementary School	400 Fern Street		Medium	none	500	1	1		1	0	0			
	Pilot Food Mart #217	4800 North Broadway Avenue		Medium	40	none	2	1	1	1	1	0			
	Regal Theatre	3001 Knoxville Center Drive		Unacceptable	30	none	2	2	ļ	2	0	0	Yes	Insufficient GCE	
FOG-3006		1707 Cumberland Avenue	No	Low	40	none	3	3	ļ	3	0	0	ļ		FSF is closed.
	Cuppy's Coffee and More	2400 Chapman Hwy	No	Low	30	none	1	1 1	1	1	0	0	.,		FSF is closed.
	Garrett's Downtown Deli	800 S. Gay Street	+	Medium	40	none	1	1 1	1	1	1	0	Yes	No flow restrictor	
	Mahogany's/ Crown Plaza Fifth Avenue Baptist Church	401 W. Summit Hill Drive 2500 Fifth Avenue	+	High Unacceptable	100 249	none none	5	3	2	3	0	0			
1 00-3012	I in Avenue papusi onulcii	2000 I IIIII AVEIIUE		onacceptable	243	HOHE	J	J		ی	2	U	1		<u> </u>

			Permitted		Tran Sizo	Intercentor Size	Total Initial	Routine	Follow-up	Increation			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Inspections Insepctions		Inspections			s NOVs		GCE Potential Concern	Comments
	Downtown Grind	418 S.Gay Street	000.	Low	30	none	1	1	Поросионо	1	1	_	Yes	Insufficient GCE	Commonto
FOG-3016	Holy Land Market	3601 Sutherland Avenue		Medium	50	none	1	1		1	0	0			
	Starbucks Coffee	7803 Montvue Drive		Unacceptable	none	1500	2	1	1	1	1	0			
FOG-3018	Salsarita's	5224 N. Broadway		Medium	none	2000	4	2	2	2	2	0			
500 0040	D M 1.1	5044N B 4		l									.,	DW to GT	
	Papa Murphy's Firehouse Subs	5214 N. Broadway Avenue 5226 N. Broadway		Unacceptable Medium	30	none 1500	2 2	2		2	1	0	Yes	Insufficient GCE	
	West Lonsdale Baptist Church	2720 West Dayton Avenue		Low	none none	1500	2	2		2 2	0	0		+	
	First Christian Church	211 West Fifth Avenue	No	Low	none	none	1	1		1	0	0			No food production at facility.
	Knoxville Pearl	108 E. Jackson Avenue	No	Low	none	none	1	1		1	0	0			FSF is closed.
														No flow restrictor	
FOG-3025	DaVinci's Pizza	113 South Central Avenue		Unacceptable	40	none	1	1		1	1	0	Yes	Impeded access to GCE	
	Triangle Market	3700 Boyds Bridge Pike		Low	20	none	2	2		2	0	0			
	YWCA Phyllis Wheatley Center	124 Cruze Street		Unacceptable	40	none	2	2		2	1	0	Yes	No flow restrictor	
	Stop N' Go Market	2110 Brooks Road		Medium	30	none	1	1	ļ	1	0	0			
	Cumberland House Hotel Bridge View Grill	1109 White Ave 900 Neyland Drive	No	Unacceptable	none	3000 2000	2 2	1 2	1	1	1	0			FCF is alread
	Tropical Smoothie Café	4839 Kingston Pike	No	Low	none 40	none	2	2	+	2	0	0			FSF is closed. FSF is closed.
	Kesha's Market & Deli	1406 Jackson Avenue	No	Low	50	none	1	1		1	0	0			FSF is closed.
	Night Owl Café	119 South Central Street	No	Low	115	none	 	1		1	0	0			FSF is closed.
	Starbucks Coffee # 8536	4924 Kingston Pike		Medium	none	1500	1	1		1	0	0			
FOG-3044		4808 Prospect Rd		Medium	none	1000	1	1		1	0	0			
FOG-3045	El Mezon	2234 Keith Avenue	No	Low	40	none	2	2		2	0	0	<u></u>		FSF is closed.
	B & D Rib Shack	5200 Rutledge Pike	No	Low	50	none	2	2		2	0	0	1		FSF is closed.
	Papa Murphy's Pizza	6631 Clinton Highway		Unacceptable	40	none	2	2		2	1	0	Yes	No flow restrictor	
	The Fresh Market	4475 Kingston Pike	k1.	Medium	none	1500	2	2		2	0	0	 		FOE is alread
	TD Barbecue	5306 Middlebrook Pike	No	Low	40	none	2	2	1	2	0	0	+	1	FSF is closed.
	Kroger Super Store Duncan Cafe/ Duncan Building	5201 N. Broadway 710 S. Locust Street	+	High Medium	none 40	1500 none	3	1	1 1	2	0	0	+	1	
	South Bound	106 Central Avenue	+	Unacceptable	40	none	1 1	1 1		1	0	0	+		
	Nixon's Deli	7419 Middlebrook Pike Suite 106	+	Medium	none	1500	1 1	1 1	+	1	0	0	+		
	Woodland Mart and Deli	198 W. Woodland Avenue		Unacceptable	40	none	3	1	2	1	2		Yes	No flow restrictor	
	Domino's Pizza	7527 South Northshore Drive		Medium	40	none	2	1	1	1	1	0	Yes	No flow restrictor	
FOG-3062	The Shrimp Dock	5210 Kingston Pike		Medium	none	1000	2	1	1	1	1	0			
	Speed Mart Deli	2017 Chapman Highway	No	Low	40	none	1	1		1	0	0			FSF is closed.
	Gordo's Catering	3009 N. Central Avenue		Unacceptable	40	none	3	2	1	2	1	0	Yes	No flow restrictor	
	Parkridge Harbor	1501 E. Fifth Avenue		Unacceptable	none	1500	1	1		1	0				
	U.T. Presidential Court	1017 Francis Street		Medium	none	4000	1	1		1	0				
	U.T. Morrill Hall	1038 20th Street		Medium	none	1000	1 1	1 1		1	0	0			
	U.T. Mable's Cafe U.T. Varsity Inn (Gibbs Hall)	2640 Morgan Circle 1311 Lake Loudon Boulevard		Medium Medium	none none	1500 1000	1 1	1 1		1 1	0	0			
	U.T. Student University Center	1502 Cumberland Avenue		Medium	none	6000	1 1	1 1	+	1 1	0	0			
	U.T. Strong Hall	1621 Cumberland Avenue		Medium	none	4500	1 1	1 1		1	0	0			
FOG-3076		120 Merchants Road	No	Low	none	3000	2	2		2	0	0			FSF is closed.
	U.T. Thompson Boling Arena	1600 Phillip Fulmer Way		Medium	none	3000	1	1		1	0	0			. 5. 10 010000
	U.T. Bakery @ Presidential Hall	1017 Francis Street		Medium	none	300	1	1		1	0	0			
FOG-3079	U.T. Welcome Center	2704 Neyland Drive		Medium	none	1500	1	1		1	0	0			
	The Crown & Goose Pub	123 S. Central Street		Medium	none	1500	0			0	0	0			
	St. John's Cathedral	413 W. Cumberland Avenue		Unacceptable	none	1500	1	1		1	0	0			
	Ephesus Mediterranean Grill	1823 Cumberland Avenue		Unacceptable	40	none	1	1		1	1	0	Yes	No flow restrictor	
	Yoma Tora	1931 A Cumberland Avenue	No	Low Medium	30 50	none	1	1		1	0	0	1		FSF is closed.
FOG-3085	Laurel Mountain Eatery	13 Market Square 722 S. Gay Street		Unacceptable	40	none none	1	1 1		1	0	0			
	Regal Cinemas Downtown	510 South Gay Street	+	Medium	50	none	1 1	1 1	+	1	0		+	+	
	Fresh Market & Deli	2418 N. Central Avenue	Yes	Low	20	none	1 1	1 1	+	1	0		+		
	Knoxville Food and Drink	4541 Kingston Pike	No	Low	none	1500	2	2		2	0		†	1	FSF is closed.
	Firehouse Subs	128 Buckingham Drive	1	Unacceptable	50	none	1	1		1	1	0	Yes	No flow restrictor	
	Al's Market & Deli	1006 University Avenue	No	Low	20	none	2	2		2	0				No food production at facility.
FOG-3094	Makino	8217 Kingston Pike		Medium	none	1000	1	1		1	0	0			
					_			1					1	DW to GT	
	Koi Fuzion/Coco Moon	19 Market Square	1	High	200	none	3	1 1	2	1	2	0	Yes	Insufficient GCE	
	City/County Building Jail Kitchen	300 West Hill Avenue		Medium	none	3000	1 1	1 1		1	0	0	 		
	Rita's Bakery	3023 Tazewell Pike	+	Low	none	1000 1500	1 2	1 1	1	1	0		+		
	Casa Don Gallo Knoxville-Knox County ActionCommunity Mobile Meals	7741 Northshore Drive Suite 108 1747 Reynolds Street	+	High Medium	none none	3000	2 2	2	1 1	1	1	0	+		
	Zaxby's Restaurant	2024 Cumberland Avenue	+	Unacceptable	none	1500	2 2	1	1	1	1	0	+	1	
1 00-3102	Landy 5 Nestaurant	2027 Outriberiand Avenue	+	Jilacceptable	110116	1300		+ '	+ '	+ ' -	+	U	+	Insufficient GCE	
FOG-3104	Regal Entertainment Group	7600 Kingston Pike		Unacceptable	60	none	2	2		2	1	0	Yes	No flow restrictor	
	Fox's Pizza	7664 S. Northshore Drive	No	Low	50	none	1	1		1	0		1		FSF is closed.
	Kichi Sushi & Noodle	7600 Kingston Pike	<u> </u>	Medium	100	none	2	2		2	0		1		
FOG-3110	Mainstay Suites	144 Merchants Drive	No	Low	none	none	2	2	1	2	0				No food production at facility.
FOG-3112	Cafe 4	4 Market Square		Medium	none	1300	3	2	1	2	1				
	Magnolia Cafeteria	4108 Ashville Highway	No	Low	none	1500	1	1		1	0	0			FSF is closed.
	Tomo Japanese Restaurant	4877 N. Broadway Avenue	No	Low	none	1500	5	2	3	2	2				FSF is closed.
	La Haceinda Mexican Restaurant	3105 Alcoa Hwy	No	Low	none	1000	1	1		1	0		1		FSF is closed.
FOG-3118		1208 N. Central Avenue	No	Low	none	1500	2 1	1 2	1	2	0		+		
	La Rumba Restaurante & Bar	4900 Chambliss Avenue	+	Medium	none 40	1500	3	2	1	2	1	0	Vaa	No flow rootrieter	
FOG-3120	Papa Murphy's Mrs Goodstuff's Cafe and Market	4409 Chapman Highway Suite U 1008 Woodland Avenue	No	Unacceptable Low	40	none none	2	1	+	1	1 0	0	Yes	No flow restrictor	FSF is closed.
	Boys and Girl Club of Greater Knoxville	407 Caswell Avenue	INU	Medium	none	2000	2	1 1	1	1 1	1	_	+	1	i oi is doseu.
	Catholic Charities of East TN	3009 Lake Brook Boulevard	+	Medium	none	1000	2	2	+ '	2	0		†		
. 55 5124	California Orialitios of Eddt 114	1 2000 Earlo Diook Doulovala	1	ouidiii	110110				Ī				1	I.	İ.

PermitNo			Permitted											
	Facility Name	Address	User	Risk Rating	Trap Size (~gallons)	Interceptor Size (~gallons)	Total Inspections	Initial Routine Follow-up Insepctions Inspections	Inspection Letters		NOVs	GCE Under Review	GCE Potential Concern	Comments
FOG-3125 Marb		14 Market Square	No	Low	50	none	2	2	2	0	0	11071011		FSF is closed.
FOG-3127 Weig		5621 Western Avenue		Medium	none	1500	1	1	1	0	0			During remodel 40 lb. GT replaced with 1500 gal GI
	nal Life Harvest Café	2410 Martin Luther King Blvd.	No	Low	none	1000	1	1	1	0	0			FSF is closed.
FOG-3131 Volum	nteer Ministry Center	511 N. Broadway 130 South Northshore Drive	No	Medium Low	none 50	2000 1500	3	2 1	2	1	0			FSF is closed.
FOG-3133 The (5508 Kingston Pike Suite 180	INU	Unacceptable	50	none	3	1 2	1	1	0			FSF is closed.
FOG-3135 Nama		5130 Kingston Pike		Medium	none	1500	1	1	1	0	0			
	s Cupcake Boutique	5201 Kingston Pike Suite 3		Medium	60	none	1	1	1	0	0			
	lor Mexican Bakery	4809 Newcome Avenue		Medium	40	none	1	1	1	0	0			
FOG-3140 Copa FOG-3141 Sysco	a Cabana Sports Bar	2619 Chapman Highway 900 Tennessee Avenue	No	Low	30	none 1000	1	1	11	0	0			FSF is closed.
FOG-3141 Sysco		325 E. Anderson Avenue	No	Medium Low	none none	none	1 1	1	<u>1</u> 1	0	0			FSF is closed.
	Roaming Gnome Pub & Eatery	716 20th Street	No	Low	100	none	1 1	1	- i	0	0			FSF is closed.
FOG-3144 Spa \		1701 Downtown West Boulevard	No	Low	10	none	1	1	1	0	0			No food production at facility.
	speranza Market #1	2412 Washington Pike		Unacceptable	40	none	1	1	1	0	0			
FOG-3146 Heler		3006 Lakebrook Boulevard		Unacceptable	none	1000	2	1 1	1	1	0	Yes	One manhole	
FOG-3149 Hamp FOG-3150 Chez		5411 Pratt Road 8025A Kingston Pike		Low	none none	1500 1500	2	2 1 1	2	0	0			
FOG-3151 Olive		4701 Pleasant Ridge Road		Low Unacceptable	none	1000	1	1 1	<u>1</u> 1	0	0			
	p Community Pool	4204 Bruhin Road	No	Low	none	none	1	1	1	0	0			No food production at facility.
	ral United Methodist Church	201 E. 3rd Avenue		Low	none	1000	1	1	1	0	0			,, r
FOG-3154 Tate's		5304 Clinton Plaza Drive		Low	75	none	1	1	1	0	0			
FOG-3155 Sang		35 Market Square	No	Low	160	none	1	1 1	1	0	0			FSF is closed.
FOG-3157 Rita's	s Water Ice ezcal Mexican Restaurant	26 Market Square 118 Forest Park Boulevard		Medium Unacceptable	30 200	none none	3 2	2 1	<u>2</u> 1	1	0			
FOG-3160 Domi		7419 Middlebrook Suite 101		Unacceptable	none	1500	1	1 1	1	0	0			
	atios Mexican Restaurant	811 Twenty Second Street	No	Low	30	none	1	1 1	1	0	0			FSF is closed.
FOG-3162 Smoo		211 Forest Park Blvd.	No	Low	none	none	1	1	1	0	0			FSF is closed.
FOG-3163 The H	Hill Restaurant	1105 Forest Avenue		Unacceptable	none	1500	3	2 1	2	1	0			
	h Knoxville Family Center	522 Maryville Pike	No	Low	none	none	1	1	0	1	0			FSF is closed.
FOG-3169 Corne FOG-3170 West		1102 Maryville Pike 400 N. Winston Road	No No	Low	50	none	2 2	2	2	0	0			FSF is closed.
	re Generation Learning Center	1310 Hollywood Road	No No	Low	none none	none none	3	2 3	3	0	0			No food production at facility. No food production at facility.
	tside Learning Center	531 Vanosdale Road	No	Low	none	none	4	4	4	0	0			No food production at facility.
FOG-3174 180 S		1501 Kirby Road	No	Low	none	none	2	2	2	0	0			FSF is closed.
	view Independent Living	5405 Colonial Circle		Medium	none	1000	1	1	1	0	0			
	b's Building Snack Bar 1	3301 E. Magnolia Avenue	No	Low	none	none	1	1	1	0	0			No food production at facility.
FOG-3185 All At		2525 Merchants Drive	No	Low	30	none	1	1	11	0	0			No food production at facility
	b's Building Snack Bar 2 okee Health Systems	3301 E. Magnolia Avenue 2018 Western Avenue	No No	Low	none none	none 1500	2	2	1 	0	0			No food production at facility. No food production at facility.
FOG-3188 Kenjo		3644 Sevierville Pike	INO	Medium	40	none	2	1 1	1	1	0			140 1000 production at facility.
	hbor's Hot Dog Stand	615 Cedar Lane	No	Low	40	none	2	2	2	0	0			FSF is closed.
	hington Pike Methodist Church	2241 Washington Pike		Low	none	100	1	1	1	0	0			
	Valarium/Cider House	940 Blackstock Avenue	No	Low	40	none	1	1	1	0	0			FSF is closed.
FOG-3194 Kids		9140 Millertown Pike	No	Medium	40	none	1	1	1	1	0	Yes	No flow restrictor	No. for all and deserting at for 1964.
FOG-3195 Days FOG-3198 The F		5423 Asheville Highway 3202 Martin Luther King Avenue	No No	Low	none none	none none	1 1	1	<u>1</u> 1	0	0			No food production at facility. FSF is closed.
	Kiddies Academy	3100 Linden Avenue	No	Low	none	none	1	1 1	<u>'</u>	0	0			No food production at facility.
FOG-3200 Ice-C		100 Lebanon Road	No	Low	none	none	1	1	1	0	0			FSF is closed.
FOG-3201 Todd	ly's Backdoor Tavern	4951 Kingston Pike	No	Low	none	none	1	1	1	0	0			No food production at facility.
													Insufficient GCE	
FOG-3202 Rama		7737 Kingston Pike	NI=	Unacceptable	10	none	1	1	1	1	0	Yes	No flow restrictor	N. 6 1 1 C 15 19
	ory View Childcare ewood Residence at Deane Hill	514 S. Castle Street 401 Catherine McAuley Way	No	Low Medium	none none	none 1000	1	1	<u>1</u> 1	0	0			No food production at facility.
FOG-3207 Marth		4624 Rutledge Pike	No	Low	40	none	1	1	1	0	0			FSF is closed.
FOG-3209 The E		3716 Walker Boulevard	No	Low	20	none	1	1 1	1	0	0			FSF is closed.
FOG-3212 Chris	stenberry North	1008 Breda Street		Medium	none	1500	3	2 1	2	1	0			
	ntain City UM Church	212 Hotel Avenue	No	Low	none	none	4	1 3	1	1	0			No food production at facility.
	ntain City Pres. Church Childcare	500 Hotel Avenue 4605 Old Broadway	No	Unacceptable	38	none	3 2	1 2	<u>1</u> 1	2	0			reported as aloned 2012
FOG-3215 First		5634 Merchant Center Blvd.	No	Low Unacceptable	none 50	none none	3	2 1	2	1	0	Yes	No flow restrictor	reported as closed 2012
FOG-3218 Days		5434 Central Avenue Pike	No	Low	none	none	2	2	2	0	0	162	INO HOM LESTILICIOI	No food production at facility.
FOG-3219 Motel	el 6	5640 Merchant Center Drive	No	Low	none	none	2	2	2	0	0			No food production at facility.
FOG-3220 Quali	ity Inn	117 Cedar Lane		Low	40	none	2	2	2	0	0			,
FOG-3221 Red F		5466 Central Avenue Pike	No	Low	none	none	1	1	1	0	0			No food production at facility.
FOG-3223 Best	Western Plus	7260 Sadderack Street	No	Low	none	none	2	2	2	0	0		I#:-:+ 00F	No food production at facility.
													Insufficient GCE No flow restrictor	
FOG-3224 Comf	fort Suites Hotel	7230 Regions Lane		Unacceptable	20	none	1	1 1	1	1	0		GCE malfunction	
1 00-0224 001111	.5., 55,00 11001	. 250 Regione Euro		Shadocplable	20	HOHE	 	' 		† '	,	103	Insufficient GCE	
FOG-3225 Chap	oman Learning Center	5101 Chapman Highway		Unacceptable	30	none	2	2	2	1	0	Yes	No flow restrictor	
FOG-3226 Donn	na's Group Daycare	713 Brown Mountain Loop Road	No	Low	none	none	1	1 1	1	0	0			No food production at facility.
FOG-3227 Noah	n's Ark Daycare	1804 Allen Street	No	Low	30	none	1	1	1	0	0			No food production at facility.
FOG-3229 The 1		100 Bona Road	No	Low	none	none	2	2	2	0	_		#i-i(00F	No food production at facility.
FOG-3230 Hamp FOG-3231 Motel		7445 Sawyer Lane 1550 Cracker Barrel Lane	No	Unacceptable	20 none	none none	3	2 1	<u>2</u> 1	1	0	Yes	Insufficient GCE	No food production at facility.
FOG-3231 Motel		7210 Sadderack Street	No No	Low	none	none	1 2	1 1 1	1 1	1	0	 		No food production at facility. No food production at facility.
FOG-3233 My V		1600 Willoughby Road	No	Low	50	none	3	2 1	2	1	0			FSF is closed.
FOG-3234 Penn		2121 Cumberland Avenue Suite #105		Unacceptable	40	none	4	2 2	2	2				. 22 0.000
FOG-3237 Rama	ada Limited	722 Brakebill Road	No	Low	none	none	1	1	1	0	0			FSF is closed.
FOG-3239 Supe	er 8 Motel	7585 Crosswood Blvd.	No	Low	none	none	1	1	1	0	0			No food production at facility.

				Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
Section Sect	PermitNo	Facility Name	Address		Risk Rating								s NOVs		GCE Potential Concern	Comments
College Coll			814 Brakebill Road	No	Low	none	none	1	1	•	1	0	0			FSF is closed.
Color Colo				No			none	1	1		1	0	0			
Second Systems Seco								2	2		2			Yes	No flow restrictor	
Proceedings				No				1	<u> </u>							No food production at facility.
Control Cont								· ·								
Company Comp				No								_				FSF is closed.
Property Property				No					1			_				No food weed estion at facility
Company Comp				INU					1	1						No lood production at lacility.
17.00 17.0	FOG-3231	Durikiri Doriuts	7114 Kiligstoll Fike		Medium	none	1500	2	'	1	'	+ '	-		No flow restrictor	
Proceedings Procedings Proceedings Procedings Proceedings Pr	FOG-3252	Redemption Church	3550 Pleasant Ridge Rd		Unacceptable	40	none	2	2		2	1	0	Yes		
1997 1997				No					2			0		103		No food production at facility
Trigon Property	. 00 0200	mojo o oodinada markat	To to many time time		20			- -	-		-					110 1000 production at lability.
	FOG-3257	First United Methodist Church	3316 Kingston Pike		Unacceptable	140	none	1	1		1	1	0	Yes		
Company Comp				No				0			0	0				FSF is closed.
10 20 20 20 20 20 20 20					Low	30	none	4	1	3	1		0			
Proceedings Proceedings Proceedings Process Pr			3349 Sutherland Avenue Suite 101		Medium	none	2000	2	2		2	0	0			
March Marc	FOG-3263	Sista's & Sister's of Soul	2517 Martin Luther King Boulevard	No	Low	40	none	1	1		1	0	0			FSF is closed.
Second Second	FOG-3264	Echo Bistro & Wine	5803 Kingston Pike		Medium	none	1000	1	1		1	0	0			
1995 1995			140 N. Forest Park Boulevard		Medium	none	1500	2	2		2	0	0			
Fig. 2007 Proceedings 100 10								1	1		1	0			<u> </u>	
1997 1997								1	1		1					
100-2016 Color print Homes Color print								' I								
Proceedings										1						
PROCESTOR Application Ap								1 1	1 1					<u> </u>		
Proceedings Procedure Pr								1 1	1 1					<u> </u>		
FRO-330 Price Was Carefully 1				No				1	1 1	ļ				<u> </u>		FSF is closed.
Processed Proc			_ :_ ::::::::::::::::::::::::::::::::::													
Processor Proc								1 1	1 1			_		ļ		
Commonweight Fig. Commonweight	rug-3284	INEW VISIONS UNIDICATE	5233 Tillery Road	INO	LOW	none	noné	1	1	1	1	U	0	1		INO 1000 production at facility.
Fig. 13 Time full being from the first of the first o	EOC 220E	Lawrela Oafa (Fand Danlaushin)	4404 Clinton Highway		Lingagontable	74		2								
100 100				Na				2						Yes		No. for all and described at for all to
Proceedings Process				INO				1								No food production at facility.
Control Cont				No				2	_							No food production at facility
For content For content				INO				1				_				No lood production at lacility.
Control Cont				No				1 1	1		-	_				ESE is closed
Spicing Spic				INO				1 2	1	1	1	_				FSF IS Closed.
Processor Proc									2	'	2	<u> </u>				
FROM Part Control Part Part Control Part Part Control Part P									+			_		Yes	No flow restrictor	
Proc. 1006 Fast Lutheren Church and School CSF N Bioguleary Unacceptable 20 row 2 2 2 1 0 Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Unacceptable 10 row 40 row 41 row 1 1 1 1 0 0 0 Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Ves No firen control of Proc. 200 Rigis Mariest SF N Bioguleary Rigis Mariest SF N Bioguleary Ri								<u> </u>		1				100	Tto now recented	
Procession Pro	. 00 020:	Thory Chook Gathone Gridien	TOTAL COMMUNITORING		o naccoptable			- -			· ·	· ·			DW to GT	
FOUND FOUN																
Foo-State 142 Foos Avenue No	FOG-3299	First Lutheran Church and School	1207 N. Broadway		Unacceptable	20	none	2	2		2	1	0	Yes	No flow restrictor	
Control Cont			1542 Texas Avenue	No	Low	40	none	1	1		1	0	0			FSF is closed.
FOG-3302 The French Market		•													DW to GT	
FOG-3302 The French Market S28 S. Gay Street Unacceptable 40 none 2 1 1 1 1 0 FOG-3303 Senio Drive in S03 Miletrown Pike Unacceptable roce S050 2 1 1 1 1 0 FOG-3304 Senio Drive in S03 Miletrown Pike Unacceptable roce S050 2 1 1 1 1 0 FOG-3305 Hard Knox Pizza 447 Kingston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3304 Hard Knox Pizza 447 Kingston Pike Unacceptable S00 none 2 2 2 2 0 0 FOG-3305 Hard Knox Pizza 447 Kingston Pike Unacceptable S00 none 2 2 2 2 0 0 FOG-3305 Hard Knox Pizza 447 Kingston Pike Unacceptable S00 none 2 2 2 2 0 0 FOG-3305 Market Singston Pike Medium S00 none 2 2 2 0 0 FOG-3305 Market Singston Pike Medium S00 none 2 2 2 0 0 FOG-3305 Market Singston Pike Medium S00 none 1 1 1 0 0 FOG-3305 Market Singston Pike Medium S00 none 2 1 1 1 0 0 FOG-3310 Market Singston Pike Unacceptable S00 none 2 1 1 1 0 0 FOG-3310 Market Singston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3310 Market Singston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3310 Market Singston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3310 Market Singston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3310 Market Singston Pike Unacceptable S00 none 1 1 1 1 0 Yes No flow restrictor FOG-3310 Market Singston Pike No Low none 1000 2 2 2 2 0 0 FOG-3310 Market Singston Pike No Low S00 None S00															Insufficient GCE	
FOG-3302 Coulto Celetrón Estalan ce FOG-3305 Coulto Celetrón Estalan ce FOG-3305 Marc Por Coult Microsom Pine FOG-3305 Marc Por Coul	FOG-3301	Cairo Cafe	718 S. Gay Street		Unacceptable	110	none	1	1		1	1	0	Yes	No flow restrictor	
FOG-3306 Sonic Dive in	FOG-3302	The French Market	526 S. Gay Street		Unacceptable	40		2	1	1	1	1	0			
FOC-3306 Hard Kino Pizza								2	1	1	1	1	0			
For Continue	FOG-3304	Sonic Drive In	5003 Millertown Pike		Unacceptable	none	1500	2	2		2	0	0			
FIG-3309 Flar Minor Pizza 4437 Kingston Pike Unacceptable 50 none 1 1 1 1 0 Ves No flow restrictor FOG-3309 RF All About The Fudge 6901 Atherwile Highway No Low 20 none 1 1 1 1 0 0 0 FSF is closed. FOG-3309 RF All About The Fudge 6901 Atherwile Highway No Low 20 none 1 1 1 1 0 0 0 FSF is closed. FOG-3309 Pizza 730 Middlethook Pike No Low 30 none 2 2 2 2 0 0 Ves No flow restrictor FOG-3309 Pizza 740 Kingston Pike Unacceptable 150 none 1 1 1 1 1 0 Ves No flow restrictor FOG-3310 Pizza Minor Pizza											1					
FGG-330 Jess Pizza		l <u>-</u> .			I l				l .		İ	1		l		
FGG-3307 If SAIL About The Fudge								1	1		1			Yes	No flow restrictor	
FIGG-339 Sluway 7500 Middlethrook Pike No Low 30 none 2 2 2 0 0 0 FSF is closed. FOG-3317 In Dazzo's Pizza 710 S. Gay Street Unacceptable 150 none 1 1 1 1 1 1 0 Ves No flow restrictor FOG-3317 Common Countant Fig. 1500 No. 100 N			3	ki-				2	2	-				 		ECC is alread
FGG-339 Firehouse Subs 4916 Kingston Pike Medium 40 none 2 1 1 1 1 1 0 Yes No flow restrictor DW to GT Institution CCE DW to GT Institution CCE No flow restrictor SW to GT Institution CCE SW to GT Institution CCE SW to GT Institution CCE In								1 2	1	1				1		
FGG-3312 Mi Pueblo 118 Medium 60 none 2 1 1 1 1 0 Ves No flow restrictor 18 No flow restrictor 19 No flow rest				NO						4				Var		FOF IS CIOSEO.
PGG-3311 Dazzo's Pizza T10 S. Gay Street Unacceptable 150 none 1 1 1 1 0 Yes No flow restrictor	rug-3309	FILEHOUSE SUDS	+310 KIIIYSWII PIKE		ivieaium	40	none	4			1 1	1	U			
FOG-3312 M Pueblo											1					
FGG-3312 MFuelbo	FOG-3311	Dazzo's Pizza	710 S. Gay Street		Linaccentable	150	none	1	1		1	1	0	Voc		
FOG-3312 Mi Pueblo 118	100-0011	Dallu 3 Filla			onacceptable	100	HOHE	'	+ '	†	 	+ '	U	168	140 HOW LESTITION	
FGG-3312 Continuum Courtyard	FOG-3313	Mi Pueblo			Medium	60	none	2	1	1	1	4	0			
FGG-3314 Level 10			-						·	'				 		
FGG-3315 McDougat's Chicken FOG-3316 McDougat's Chicken FOG-3317 Brixx Pizza FOG-3317 Brixx Pizza FOG-3317 Brixx Pizza FOG-3318 Bistro By the Tracks FOG-3318 Bistro By the Tracks FOG-3318 Bistro By the Tracks FOG-3319 The Spice Rack FOG-3320 FOG-				Nο										1		ESE is closed
FOG-3317 Brixx Pizza										<u> </u>		_		1		
FGG-3318 Bistro By the Tracks 216 Brookview Center Way Unacceptable none 1500 2 1 1 1 1 1 0 0 FGG-3318 Distro By the Tracks FGG-3319 The Spice Rack FGG-3320 Canaan Baptist Church 1117 Beaman Lake Road Low none 750 1 1 1 1 1 0 0 FGG-3323 La Huastea Market FGG-3323 La Huastea Market EGG-3324 La Huastea Market EGG-3325 Leny S bl Spice EGG-3325 Leny S sub Shop FGG-3326 Leny S sub Shop FGG-3326 Leny S sub Shop FGG-3327 Leny S sub Shop FGG-3328 Gunnies Sports Bar LLC 1812 Maryville Pike Medium None 1500 2 2 2 2 0 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 1 0 0 Medium None 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium None 1 1 1 1 1 1 0 0 0 Medium									- 1	1				1		. 55 0.0004.
FOG-3319 The Spice Rack									1 1	1				1		
FOG-3320 Canan Baptist Church 1117 Beaman Lake Road	FOG-3319	The Spice Rack		No					·	1				1		FSF is closed.
FOG-3323 La Huasteda Market 2525 Chapman Highway No Low 40 none 1 1 1 0 0 0 FSF is closed.												_				
FOG-3324 Judy Ann's Deli 2833 Western Avenue No Low 20 none 1 1 1 1 0 0 FSF is closed.				No				1	1							FSF is closed.
FOG-3325 Lenny's Sub Shop								1	1		1			l		
FOG-3328 Gunnies Sports Bar LLC								2	1	1	1					
FOG-3330 Froyoz 5228 N. Broadway Medium none 1500 3 2 1 2 1 0 5 528 N. Broadway No Low 40 none 2 2 2 1 0 0 0 FSF is closed. FOG-3331 Del Potosi Bakery Inc. 3709 Chapman Highway No Low 40 none 2 2 2 0 0 0 FSF is closed. FOG-3322 Smoke Box 2827 Magnolia Avenue Medium none 1500 1 1 1 0 0 0 FSF is closed. FOG-3340 Lazy Bones 226 Andrew Johnson Hwy. No Low none none 2 2 2 0 0 0 FSF is closed. FOG-3344 Wings Express 5227 Clinton Highway Unacceptable none 1000 2 2 2 1 0 Yes One manhole FOG-3345 Bearden Hill Fieldhouse 6600 Kingston Pike High none 1500 1 1 1 0 0 0	FOG-3328	Gunnies Sports Bar LLC							1		1					
FOG-3331 Del Potosi Bakery Inc. 3709 Chapman Highway No Low 40 none 2 2 2 0 0 0 FSF is closed. FOG-3332 Smoke Box 2827 Magnolia Avenue Medium none 1500 1 1 1 0 0 0 FSF is closed. FOG-3340 Lazy Bones 226 Andrew Johnson Hwy. No Low none none 2 2 2 0 0 0 FSF is closed. FOG-3344 Wings Express 5227 Clinot Highway Unacceptable none 1000 2 2 2 1 0 Yes One manhole FOG-3345 Bearden Hill Fieldhouse 6600 Kingston Pike High none 1500 1 1 1 0 0 0								3	2	1	2					
FOG-3340 Lazy Bones 226 Andrew Johnson Hwy. No Low none none 2 2 2 0 0 0 FSF is closed. FOG-3344 Wings Express 5227 Clinton Highway Unacceptable none 1000 2 2 2 1 0 Yes One manhole FOG-3345 Bearden Hill Fieldhouse 6600 Kingston Pike High none 1500 1 1 1 0 0 0	FOG-3331	Del Potosi Bakery Inc.		No		40		2	2		2	0	0			FSF is closed.
FOG-3344 Wings Express 5227 Clinton Highway Unacceptable none 1000 2 2 1 0 Yes One manhole FOG-3345 Bearden Hill Fieldhouse 6600 Kingston Pike High none 1500 1 1 1 0 0 0	FOG-3332	Smoke Box	2827 Magnolia Avenue		Medium	none	1500	1	1		1					
FOG-3345 Bearden Hill Fieldhouse 6600 Kingston Pike High none 1500 1 1 1 0 0				No		none			2			0	0			FSF is closed.
								2	2		2	1		Yes	One manhole	
FOG-3348 Hana's Market 1311 Tennessee Avenue No Low 40 none 1 1 1 0 0 FSF is closed.								1	1		1					
	FOG-3348	Hana's Market	1311 Tennessee Avenue	No	Low	40	none	1	1		1	0	0			FSF is closed.

			Permitted		Trap Size	Interceptor Size	Total Initial	Routine	Follow-up	Inspection			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating	(~gallons)	(~gallons)	Inspections Insepctions		Inspections			s NOVs		GCE Potential Concern	Comments
	Love That BBQ	1901 Maryville Pike		Medium	40	none	2	2		2	0				
	Kats on the River	1317 Island Home Avenue		Low	20	none	1	1		1	0	0			
	Andy's Market Southern Kitchen	2400 Magnolia Avenue 1527 White Avenue	No	Low Medium	none none	none 3000	1 1	1 1		1	0	0			No food production at facility.
	Savory and Sweet Truck	200 Hartford Road		Low	8	none	2	2		2	0	0			
	Suttree's High Gravity Tavern	409 S. Gay Street		Unacceptable	40	none	1	1		1	1	0	Yes	No flow restrictor	
FOG-3364	Linda's Soul Café	1518 University Avenue	No	Low	none	1500	1	1		1	0	0			FSF is closed.
	Central Flats and Taps	1204 N. Central Avenue		Unacceptable	50	none	2	2		2	1	0	Yes	No flow restrictor	
FOG-3379	Sugarbuzz Bakery	313 Forest Park Blvd.		Medium	40	none	2	2	4	2	0				
	VNK Market Dunkin Donuts	5417 Tazewell Pike 1521 White Avenue		Unacceptable Medium	none none	1000 3000	3	1	1	1	0	0			
	Tangerine Japanese Restaurant	5328 Millertown Pike		Medium	40	none	2	1	1	1	1	0			
	Thunder Road Grill (trailer)	100 West Wood	No	Low	14	none	1	1	i i	1	0				FSF is closed.
FOG-3505		5211 Kingston Pike		Medium	none	1500	4	2	2	2	2		Yes	GCE malfuntion	
	Domino's Pizza	6402 Asheville Hwy		Medium	none	1500	5	3	2	3	2	0			
	The House Tavern	5903 Chapman Hwy.	No	Low	30	none	2	2		2	0				FSF is closed.
	Taylor Food & Deli Golden Sisha	5708 Asheville Hwy. 609 James Agee Street	No No	Low	40 none	none none	2 2	2		2	0	0			FSF is closed. FSF is closed.
FUG-3526	Golden Sisna	609 James Agee Street	INO	LOW	none	none	2	2			0	U		Insufficient GCE	FSF IS Closed.
FOG-3527	Surin of Thailand	6213 Kingston Pike		Unacceptable	10	2000	2	1	1	1	1	0	Yes	No flow restrictor	
	Scrumps Cupcakes	106 Hotel Street		Medium	40	none	3	1	2	1	2	0			
FOG-3536	Tio Conejo	4406 N. Broadway Avenue		Medium	none	1500	1	1		1	0	0			
	Archer's BBQ	7702 S. Northshore Drive	Yes	Medium	40	none	1	1		1	0	0			
	Econo Lodge	5505 Merchant Center Blvd.	No	Low	none	none	2	2		2	0	0	ļ		No food production at facility.
FUG-3625	Red Mango	7600 Kingston Pike	No	Low	40	none	5	3	2	3	2	0	1	DW to GT	FSF is closed.
FOG-3684	Icon Ultra Lounge	810 W. Clinch Avenue		Unacceptable	50	none	1 1	1		1	1	0	Yes	Insufficient GCE	
FOG-3685	Best Western Inn	5317 Pratt Road		Medium	40	none	2	2	1	2	0		169	mountoient GOL	
	Moriconi's Pizzeria & Grill	1710 Cumberland Avenue	No	Low	50	none	2	2		2	0	0			FSF is closed.
FOG-3690	Abundant Life Kitchen	3336 Sevier Avenue		High	40	none	4	1	3	1	1	0	Yes	Insufficient GCE	
FOG-3691		4944 Kingston Pike		Medium	none	2000	3	2	1	2	1	0			
	Savor (Mobile kitchen)	4300 Ollie Davis Drive		Medium	20	none	1	1		1	0				
	Noodles & Company	1700 Cumberland Avenue	NI-	Unacceptable	none	1500	2	1 1	1	1	1	0			FOC :learned
FOG-3702	Smoky Mountain BBQ	7600 Kingston Pike	No	Low	50	none	2	1	1	1	1	0		DW to GT	FSF is closed.
														Insufficient GCE	
FOG-3705	Chef Ben Hibachi & Chinese	5210 N. Broadway Street		Unacceptable	200	none	2	2		2	1	0	Yes	No flow restrictor	
	Habanero Mexican Restaurant	4704 Asheville Highway		Medium	none	1500	2	1	1	1	1	0		. 10 11011 1001110101	
	Panda One	7741 Ste. 101 S. Northshore Drive		Medium	none	1500	3	2	1	2	1	0			
FOG-3711		8390 Kingston Pike		Unacceptable	none	4500	3	2	1	2	1	0			
	Penn Station Subs	4909 N. Broadway Street		High	50	none	2	1 1	1	1	1	0			
FOG-3/16	Dave's Dog House #2	7409 Middlebrook Pike		Low	40	none	1	1		1	0	0			
FOG-3723	Ott's BBO	234 Brookview Center Way, Suite 109	No	Low	none	1000	4	2	2	2	2	0			FSF is closed.
	Archers BBQ	5415 Kingston Pike	140	Medium	40	none	2	1	1	1	1	0			1 Of 13 closed.
	Archer's BBQ Commissary	311 S. Weisgarber St.		Medium	none	2000	2	1	1	1	1	0			
FOG-3756	Barberito's	215 Brookview Way		Unacceptable	none	1500	3	2	1	2	1	0			
	The Tin Roof	7406 Northshore Drive		Unacceptable	none	1000	3	2	1	2	1	0	Yes	One manhole	
	Jim's Amish Food	3001 Knoxville Center Blvd.	No	Low	20	none	2	2		2	0	0			FSF is closed.
	Zoes Kitchen Sweet Escrepes	6638 Kingston Pike 3001 Knoxville Center Blvd.	No	Medium Low	none 40	1500 none	3 2	2	1	2	1	0			FSF is closed.
	Tienda Nony	204 Cedar Lane	INU	Unacceptable	40	none	2	2		2	1	_	Yes	No flow restrictor	ror is closed.
FOG-3778	We're Cooking	7600 Kingston Pike		Unacceptable	50	none	2	2		2	1	0		No flow restrictor	
FOG-3779	Trinity Care Senior Living of Knoxville	4611 Asheville Hwighway		Medium	none	1500	1	1		1	0	0			
FOG-3793	Jimmy John's Gourmet Sandwiches	5525 Clinton Hwy.		Unacceptable	50	none	2	2		2	1	0	Yes	No flow restrictor	
	Shri Swaminarayan Mander	602 Brakebill Road	Yes	Low	none	1000	1 1	 	<u> </u>	1	0		ļ		
	Yogli Mogli Firehouse Subs	7240 Kingston Pike Ste. 192 4419 Western Avenue		Medium Medium	40 50	none none	2	1	1	1	0		1		
1 00-3001	LITETIONSE SUDS	TT 13 WESIGHT AVEHUE		ivicululli	50	HOHE	'	+ '	1	<u> </u>	0	U	 	DW to GT	
														No flow restrictor	
FOG-3802	Head Start Helen Ross	2247 Western Avenue		Unacceptable	50	none	2	2		2	1	0	Yes	Impeded access to GCE	
	8-Ball Billiards	2630 N. Broadway		Low	40	none	3	1	2	2	1	0	Yes		40 lb GT installed
	Snappy Tomato Pizza	5905 Kingston Pike	No	Low	50	none	3	3		3	0	0	ļ		FSF is closed.
	Seasons Restaurant	5018 Kingston Pike	No	Low	none	2000	2	1	1	1	1				FSF is closed.
FOG-3841 FOG-3862	Wally's Drive In	104 Cedar Lane 5916 Middlebrook Pike		Medium Unacceptable	none none	1000 1500	3	3		3	0	0	Yes	One manhole	
1-03-3802	polaridico	JS 10 WINGHEDIOOK FIRE		onacceptable	none	1000	3	3	1	3	U	U	1	One manhole	
FOG-3863	Domino's	412 Merchants Drive		Medium	none	1000	3	2	1	2	1	0	Yes	GCE malfunction	
	The Cheesecake Factory	201 Morrell Road		Medium	none	2000	1 1	 	<u> </u>	1	0		1.23		
FOG-3907	Tomato Head	7240 Kingston Pike		Medium	none	1500	2	2		2	0	0			
	Papa Johns	6213 Riverview Crossing		Medium	100	none	4 1	3		4	0				
	Ridgedale Baptist Church	5632 Nickel Road	No	Low	none	none	1	1		1	0		<u> </u>		No food production at facility.
FOG-3923		5800 Western Avenue	No.	Low	none	none	1	1 1	1	1	0		1		No food production at facility.
	King's Castle Learning Center Freedom Baptist Church	6140 Western Avenue 5518 Nickel Road	No No	Low	none none	none none	1 1	1 1	1	1	0	0	1		No food production at facility. No food production at facility.
	Silverhill Swimming Pool	4721 Silverhill Drive	No	Low	none	none	1	1 1	1	1	0		1		No food production at facility.
	Rufus Smith & Company	5817 Western Avenue	No	Low	none	none	1	1	1	1	0		İ		No food production at facility.
FOG-3928	Taco Bell	411 Merchants Drive		Unacceptable	none	1500	4 1	2	1	3	1	0	Yes	Impeded access to GCE	, , , , , , , , , , , , , , , , , , ,
	Continuum Courtyards	1029 W. Parkway Avenue		Medium	none	none	1	1		1	0	0			
	El Cazador Mexican Restaurant	6409 Chapman Highway		Medium	55	none	3 1	1	1	2	1				
FOG-4096	North Corner Sandwich Shop	2400 N. Central Street		Medium	40	none	3	3		3	0	0			

			Permitted		Trap Size	Interceptor Size	Total	Initial	Routine	Follow-up	Inspection			GCE Under		
PermitNo	Facility Name	Address	User	Risk Rating		(~gallons)				Inspections		NONCS			GCE Potential Concern	Comments
	Dale's Fried Pies	219 E. Quincy Avenue		Medium	30	none	1	1			1	0	0			
	EZ Food Mart	2310 E. Magnolia Avenue		Medium	50	none	4	1	1	2	2	2	0			
	El Pulgarcito de America	408 E. Inskip Road		Low	40	none	4		1	3	1	1	0			
	. .	'													Insufficient GCE	
FOG-4124	Indu-Sai LLC	5328 Pleasant Ridge Rd.		Unacceptable	8	none	4		2	2	2	2	0	Yes	No flow restrictor	
	The Hilltop Vineyard	6535 Kingston Pike		Unacceptable	40	none	3	1	2		3	1	0	Yes	No flow restrictor	
	Asia Café West	8111 Gleason Drive		Unacceptable	none	1000	6	2	2	2	4	2	0	Yes	GCE malfunction	
FOG-4161	Stock & Barrel	35 Market Square		Medium	140	none	1		1		1	0	0			40 lb and 100 lb GTs installed
FOG-4207	Orange Leaf	36 Market Square		Medium	40	none	2		1	1	1	1	0			
FOG-4236	Sunspot	2200 Cumberland Avenue		Unacceptable	none	1500	1		1		1	0	0			1500 gal GI installed
FOG-4377	Savway Tobacco	6017 Chapman Hwy	No		none	none	1	1			1	0	0			FSF not opened yet.
FOG-4428	lan's Market #34	2001 Cumberland Avenue		Unacceptable	40	none	2		1	1	1	1	0	Yes	No flow restrictor	,
FOG-5105	Doc's	7355 Kingston Pike		Unacceptable	none	1000	2	1	1		2	2	0	Yes	One manhole	
	Southside Bar	125 A East Moody Avenue	No	Low	none	none	3		3		3	0	0			FSF is closed.
FOG-5331	Food City	284 Morrell Road		Medium	none	1000	1		1		1	0	0			
															DW to GT	
FOG-5541	Tupelo Honey	1 Market Square		High	80	300	4		2	2	2	1	0	Yes	Insufficient GCE	Installed 300 gallon Proceptor
		·				Total Counts	1852	13	1458	381	1472	489	0			-
	GCE - Grease Control Equipment															
	DW - Dishwasher															
	GT - Grease Trap															

			Building	Grease	Grease	Grease	Grease &	Grease, Roots	Customers	Letters	* Cans, Bags	Residential	Residential,	# of Feet	BA	
Date	Address	SSO	Backup		& Roots	& Debris	1&1	& Debris	in Area	Mailed	Mailed	Only	Commercial	Cleaned	Frequency	Comments
1/14/2013	5829 Ball Camp Pike (MH 11-48) Commercial and Residential SSO	Yes					Yes		407	398	398		Yes	369.2	12	IPID 1104451
1/29/2013	900 E. Hill Avenue (MH 6-62) Residential SSO	Yes		Yes					11	11	11	Yes		222	12	IPID 1139992
3/11/2013	4728 Ball Camp Pike (Lateral Cleanout) Residential SSO	Yes		Yes					23	23	23	Yes		232	6	IPID 40161156
	2840 Essary Drive (MH 2-14) Commercial and Residential SSO	Yes		Yes					22	18	18		Yes	270	6	IPID 40155810
3/27/2013	2418 Selma Avenue (Lateral Cleanout) Residential SSO	Yes		Yes					58	58	58	Yes		78	6	IPID 40394685
4/27/2013	608 Van Street (MH 28-1 & 28-14) Commercial and Residential SSO	Yes		Yes					2	1	1		Yes	701.83	6	IPIDs 40916588, 40916595, 1208304
4/28/2013	1540 Jourolman Avenue (MH 6-194 & 6-219) Commercial and Residential SSO/BBU	Yes	Yes			Yes			39	36	36		Yes	98.9	6	IPID 1157485
9/6/2013	1901 Sutherland Avenue (MH 23) Commercial and Residential SSO	Yes				Yes			268	248	248		Yes	347.8	12	IPID 1019585
10/3/2013	1111 West Fifth Avenue (MH 19-190 & 19-189) Commercial & Residential SSO	Yes				Yes			199	193	193		Yes	334	3	IPID 1208253
10/26/2013	1216 Baker Avenue (Lateral Cleanout) Residential SSO/BBU	Yes	Yes	Yes					35	35	35	Yes		150	6	IPID 1215194
11/5/2013	601 Van Street (MH 19-262) Commercial & Residential SSO	Yes		Yes			·		2	0	0		Yes	106.9	6	IPID 1208304
12/12/2013	2437 Keith Avenue (Lateral Cleanout) Commercial & Residential SSO/BBU	Yes	Yes	Yes			·		145	143	143		Yes	108	3	IPID 1182009
				•				Totals	1211	1164	1164					

2013 Grease Related Overflows 005763

	Date	Event	Location	Cans/Spatulas Given Away
1	3/3/2013	100 Blackmen Health Fair	YMCA	69
2	5/14/2013	Western Heights Residence Association	Western Heights	14
3	5/20/2013	United Health Care Health Fair	Larry Cox Senior Center	39
4	5/23/2013	KCDC Autumn Landing Apartments	Autumn Landing Apartments	48
			Total cans/spatulas given out	170

Appendix B

Pump Station Maintenance Activities and Schedule

SMSP 2013

FACILITY & EQUIPMENT UPGRADES

- 1. Cruze Road Pump Station replacement Complete
- 2. Maloneyville Pump Station Replacement Complete
- 3. Neubert Springs Pump Station replacement Complete
- 4. Pelham Pump Station replacement Construction Scheduled in 2014
- 5. Pilleaux Pump Station replacement Construction Scheduled in 2014
- 6. Eastwood Pump Station Construction Scheduled in 2014
- 7. McNutt Pump Station replacement Construction Scheduled in 2014
- 8. Ruggles Ferry Pump Station Construction Scheduled in 2014

SYSTEM STUDIES

1. SCADA System and Communication protocol study – Ongoing

FACILITY INSPECTIONS

 1,264 scheduled facility Condition Assessments and Preventative Maintenance tasks

OUTSIDE SUPPORT

- 1. SMSP has performed 62 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 29 flow meters and uses these meters for various purposes. SMSP has provided CDM with flow meter data from various facilities for modeling purposes.
- 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</u>		<u>Frequency</u>
<u>Job</u>	Standard Job Description	(In days)
RSGN	General Inspection	varies
RSFAC	Facility Inspection - Wastewater	3.5 - 7
RSCRA	Crane Inspection - annual	365
RSMM	Milltronics Inspection	180
RSMMC	Motor control/electrical inspection	365
RSLASI	Alarm status (SCADA) inspection	180
RSFM	Flowmeter inspection	180
RSBSI	Facility Inspection - Water	3.5 - 7
RSBPV	Back flow preventer inspection	365
RSCRH	Crane inspection - routine	90
RSEP	Electric panel inspection	365
RSSS	Soft starter inspection	365
RSACMP	Air compressor inspection	180
RSVFD	VFD Inspection	365
RSMME	Muffin monster inspection	365
RSODOR	Mercaptan injector inspection	30
RSPM1	Pump inspection - Wastewater	180
RSPM2	Sump pump inspection	180
RSCC	Climate control inspection (Heaters/fans)	180
RSML	Motorized louver inspection	365
RSDHM	Dehumidifier inspection	365
RSLER	Emergency lights inspection - monthly	30
RSELA	Emergency lights inspection - annual	365
RSPM3	Belt drive pump inspection - 6 mos.	180
RSBDPA	Belt drive pump inspection - annual	365
RSGNPM	Generator inspection	90
RSCFI	Chemical feed inspection	30
RSLET	Pump efficiency testing - Wastewater	365
RSPMP4	Pump inspection - Water	180
RSWDPC	DP Cell inspection	180
RSWCPC	CL2 & PH Analyzer Calibration	180
RSGRIN	Annual inspection - Gas	365
RSGRIN	Leak survey - Gas	365
RSPTC	Transducer calibration	365
RSFTC	Odorant sampling	30
RSFMM	H2S / PH monitoring	30
RSLVA / RSBVA		
	Vibration analysis	90 510 days
RSCTC / RSBTC	Thermography check	540 days
RSMRC	Master radio inspection	365
RSMR	Meter Readings/charts	3.5 - 7
RSGAS	Alarm status (SCADA) inspection - Gas	365
RSGGV	Grease valves - Gas	365
RSWAS	Alarm status (SCADA) inspection - Water	180
RSGFI	Site inspection - Gas	90
RSGNA	Generator inspection - annual	365
RSWWI / RSCWI	Winterize station - Water / Wastewater	365
RSGWI	Winterize station - Gas	365

Appendix C

Summary Table of Pumps Stations Using Chemical Injection and Odor Control

KUB Wastewater Facility Chemical Feed System Information (2014 Update)

CHEMICAL INJECTION

<u>Facility</u>	<u>Address</u>	Odor control type	Chemical Name	Tank Size	<u>Comments</u>
Ball Road	4923 Ball Road	Chemical injection	Oxy-Six	4400 Gal	
Boyds Bridge SuperOx	3818 Boyds 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 of the River	5051 National Drive	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	4400 Gal	
Roberts Road	5300 Roberts Road	Chemical injection	Calcium Hypochlorite	55 Gal Drums	Summer Only
Shipetown	2124 Shipetown 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	Summer Only
Woodson Drive	2416 Woodson Drive	Chemical injection	Oxy-Six	4400 Gal	

KUB Wastewater Facility Odor Control System Information (2014 Update)

ON-SITE ODOR CONTROL

<u>Facility</u>	<u>Address</u>	Odor control type	Chemical Name	Tank Size	Comments
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

Depa	e Process: SMSP Preventive Maintenance artment: System Operations, 81 er: SMSP Supervisor	Document Status: Issued Approved by: Brad Brummett Issued Date: 6/3/2009
	GI. CINCI CAPCIVISCI	issued bate. Gronzoes
Faci	lity name	Date
Perf	formed by	
Prev	vantiva maintananca work order	
Ona	rterly detailed inspection Annual performan	
_		• —
Tip	completed while conducting a monthly i	or monthly inspections but is not required to be nspection.
•	To complete a wastewater lift station maintenance	ce inspection, check the following areas or
	equipment:	or imprecion, enter the roll ming areas or
4		
1	. Grinder Well and Screen Room	
	☐ Hatches and safety grating	☐ Milltronics card updates (annual insp only)
	☐ Entrance door(s) and locking mechanisms	☐ Walking surfaces
	☐ Hydraulic equipment	☐ Lighting
	☐ Slide gate(s) or valve(s)	☐ Ventilation
	☐ Actuator(s)	☐ Float switches(s) – dry well and wet well
	☐ Guide rail(s) or lifting mechanisms	☐ Cleanliness
	☐ Level transmitter(s)	☐ Fall safety device
	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)
1 ^	W.W.II ID D	
J 2		Colon will a management to an advance
	Hatches and safety grating	Submersible pressure transducer
	Entrance door(s) and locking mechanisms	☐ Highting
	Slide gate(s) or valve(s) Cycle roil(s) or lifting machinisms	☐ Lighting ☐ Ventilation
	Guide rail(s) or lifting mechanisms	Cleanliness
	■ Walking surfaces■ Float switches(s) – dry well and wet well	
	Fall safety device	☐ Sump pump(s) and check valve(s)☐ Pressure instrumentation
	Actuator(s)	Static pressure
	Level transmitter(s)	Piping and drainage
	Level transmitter(s)	Tiping and dramage

NA			
		Pump Efficiency Test (Note Perform flow n	neter 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	☐ Ventilation
		☐ Isolation valve(s)	Cleanliness
		☐ Air release valve(s)	☐ Check valve(s)
		☐ Sump pump(s) and check valve(s)	☐ Pressure instrumentation
		☐ Walking surfaces	☐ Static pressure
		☐ Float switches(s) – dry well or wet well	Dynamic pressure
		☐ Fall safety device	☐ Piping and drainage
		☐ Lighting	
	4.	Effluent Meter - Vault	
		☐ Hatches and safety grating	☐ Ventilation
		☐ Isolation valve(s)	Cleanliness
		☐ Sump pump(s) and check valve(s)	☐ Piping and drainage
		☐ Walking surfaces	☐ Flow meter and signal converter
		☐ Float switches(s) – dry well or wet well	☐ Effluent meter totalizer:
		☐ Lighting	
	5.	Odor Control	
		☐ Chemical feed enclosure and components	☐ Chemical feed building
		☐ Chemical storage containment	☐ Chemical feed piping and valve(s)
		☐ Chemical feed tank: level (ft.)	☐ Carbon vessel and media sample (air scrubl
		☐ Chemical feed rate: gallons/day	Eyewash Station
		☐ Terminal manhole monitoring:	
		Nitrate	
		Hydrogen sulfide	

□ 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 □ 7. Site Miscellaneous □ Emergency lighting □ Backflow preventer □ Generator □ Miscellaneous control panels □ Security □ Overhead crane □ Signs and placards □ Clemaliness □ Air compressor (s) − Regulator Setpoints Form □ Yard hydrant □ Signs and placards	NA			
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)		6. E	Electrical Building, Control Panel, SCADA Panel,	and Related Equipment
you are testing the UPS unit while doing other tasks. SCADA test log sheet (annual insp only) Climate control Emergency transfer switch 7. Site Miscellaneous Emergency lighting Exterior lighting Generator Miscellaneous control panels Air compressor (s) – Pressure vessels Air compressor (s) – Regulator Setpoints Form Overhead crane Signs and placards			SCADA panel	☐ TVSS monitor (indication lights)
other tasks. SCADA test log sheet (annual insp only) Climate control Emergency transfer switch 7. Site Miscellaneous Emergency lighting Exterior lighting Generator Miscellaneous control panels Miscellaneous control panels Air compressor (s) – pressure vessels Air compressor (s) – Regulator Setpoints Form Air compressor (s) – Regulator Setpoints Form Vard hydrant Signs and placards			Note Initiate this task when you first arrive, so	☐ Lighting
Climate control Emergency transfer switch 7. Site Miscellaneous Emergency lighting Exterior lighting Generator Motor control center components Site aesthetics Backflow preventer Air compressor (s) – pressure vessels Miscellaneous control panels Air compressor (s) – Control Setpoints Form Security Air compressor (s) – Regulator Setpoints Form Overhead crane Signs and placards			other tasks.	☐ Ventilation
Emergency transfer switch 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			SCADA test log sheet (annual insp only)	☐ Cleanliness
7. Site Miscellaneous Emergency lighting Exterior lighting Generator Miscellaneous control panels Site aesthetics Backflow preventer Air compressor (s) – pressure vessels Air compressor (s) – Control Setpoints Form Security Air compressor (s) – Regulator Setpoints Form Overhead crane Signs and placards			Climate control	☐ Motor control center components
□ Emergency lighting □ Site aesthetics □ Exterior lighting □ Backflow preventer □ Generator □ Air compressor (s) – pressure vessels □ Miscellaneous control panels □ Air compressor (s) – Control Setpoints Form □ Security □ Air compressor (s) – Regulator Setpoints Form □ Overhead crane □ Yard hydrant □ Signs and placards			Emergency transfer switch	
□ Exterior lighting □ Generator □ Miscellaneous control panels □ Security □ Overhead crane □ Signs and placards □ Backflow preventer □ Air compressor (s) – pressure vessels □ Air compressor (s) – Control Setpoints Form □ Air compressor (s) – Regulator Setpoints Form □ Yard hydrant		7. S	ite Miscellaneous	
☐ Generator ☐ Miscellaneous control panels ☐ Security ☐ Overhead crane ☐ Signs and placards ☐ Air compressor (s) – pressure vessels ☐ Air compressor (s) – Control Setpoints Form ☐ Air compressor (s) – Regulator Setpoints Form ☐ Yard hydrant			Emergency lighting	☐ Site aesthetics
☐ Miscellaneous control panels ☐ Security ☐ Overhead crane ☐ Signs and placards ☐ Air compressor (s) – Control Setpoints Form ☐ Air compressor (s) – Regulator Setpoints Form ☐ Yard hydrant			Exterior lighting	☐ Backflow preventer
☐ Security ☐ Air compressor (s) – Regulator Setpoints Form ☐ Overhead crane ☐ Yard hydrant ☐ Signs and placards			Generator	☐ Air compressor (s) – pressure vessels
☐ Overhead crane ☐ Signs and placards ☐ Yard hydrant			Miscellaneous control panels	☐ Air compressor (s) – Control Setpoints Form
☐ Signs and placards			Security	☐ Air compressor (s) – Regulator Setpoints Form
			Overhead crane	☐ Yard hydrant
Comments:			Signs and placards	
Comments:				
	Comme	ents:		
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		•		
		•		

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



Form: Pump Efficiency Testing

Core Process: SMSP P		Approved by: Brad Brummett		
Department: Systems (•			
Owner: SMSP Supervis	or		Issued Date: 3/17/2004	
Performed by			Date	
Es silitar				
1.0 WETWEL	L 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	
measurements that wi readings from the Mil If you are using a tape	Il be timed for one minute to ltronics Level Control Unit we e measure to obtain level read	obtain the mos then performing	surements and three drawdown to accurate data. When applicable, take g inflow and drawdown measurements.	
completing the calculate completing the calculate complete can be completed as the complete can be completed as the calculate complete can be completed as the calculate can be completed as the calculate can be calculated as the calculate can be calculated as the c				
To obtain the correct of	difference, record the second	reading at the t	op.	
т	est 1	Test 2	Test 3	
Second	Second		Second	
Initial	Initial		Initial	
Difference	Differe	nce	Difference	
Calculate th	ne average of the 3 measurement	s	<u> </u>	
Average inflo	w x Gallons	per ft	= Inflow GPM	

2.2 DRAWDOWN TESTING

Test 1

2.2.1 Pump #1

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

	Second	Second	Secon	nd
	Initial	Initial	Initia	1
	Difference	Difference	Diffe	rence
	GPM			
	Calculate the average of the 3 mea	surements		
	Avg drawdown x	Gals per ft	= Drawdov	wn GPM
	Drawdown GPM +	Inflow GPM	Total pu	
	Pressure Readings (Discharge	and Suction / Pu	ımp ON)	
	Pump ON discharge PSI reading		Pump ON suction PSI rea	ding
	Motor amperage readings			
	A Phase	B Phase	C Pha	ase
2.2.2	Pump #2			
To obt	ain the correct difference, record t	he second readi	ng at the top.	
	Test 1	Tes	st 2	Test 3
	Second	Second	Secon	nd
	Initial			
		Initial	Initia	1
	Difference	Initial Difference	Initia	
	D'66		D'CC	
	Difference	Difference	D'CC	
	Difference GPM	Difference	D'CC	rence
	Difference GPM Calculate the average of the 3 mea Avg drawdown x	Difference	Diffe	rencewn GPMmp
	Difference GPM Calculate the average of the 3 mea Avg drawdown x	Difference asurements Gals per ft Inflow GPM	Diffe = Drawdov Total put = capacity	rencewn GPMmp
	Difference GPM Calculate the average of the 3 mea Avg drawdown x Drawdown GPM +	Difference ssurements Gals per ft Inflow GPM and Suction / Pu	Diffe = Drawdov Total put = capacity	rencewn GPMmp
	Difference GPM Calculate the average of the 3 mea Avg drawdown x Drawdown GPM + Pressure Readings (Discharge a	Difference ssurements Gals per ft Inflow GPM and Suction / Pu	Diffe = Drawdov Total pur = capacity	rencewn GPMmp
	Difference GPM Calculate the average of the 3 mea Avg drawdown	Difference ssurements Gals per ft Inflow GPM and Suction / Pu	Diffe = Drawdov Total pur = capacity	wn GPM mp GPM

Test 2

Test 3

2.2.3 Pump Combination

Second Second Second Initial Initial Initial Difference Difference Difference	
	ond _
Difference Difference Diff	al
	erence _
GPM	
Calculate the average of the 3 measurements	
Avg drawdown x Gals per ft = Drawdo	own GPM _
Drawdown GPM + Inflow GPM = capacity	
Pressure Readings (Discharge and Suction / Pump ON)	
Pump ON discharge PSI reading Pump ON suction PSI re	adina
	ading _
Motor amperage readings A Phase B Phase C Ph	
A I hase D I hase C I I	
Pump #3	
Test 1 Test 2	Test 3
Second Second Second Second	ond _
Initial Initial Initial	al _
Difference Difference Diff	erence _
GPM	
Q1 W	
Calculate the average of the 3 measurements	
	own GPM
Calculate the average of the 3 measurements Avg drawdown x Gals per ft = Drawdo Total pu	ımp
Calculate the average of the 3 measurements Avg drawdown x Gals per ft = Drawdo	ımp
Calculate the average of the 3 measurements Avg drawdown x Gals per ft = Drawdo Total pu	ımp
Calculate the average of the 3 measurements Avg drawdown x Gals per ft = Drawdo Drawdown GPM + Inflow GPM = capacity	amp y GPM _
Calculate the average of the 3 measurements Avg drawdown x Gals per ft = Drawdo Drawdown GPM + Inflow GPM = capacity Pressure Readings (Discharge and Suction / Pump ON)	amp y GPM

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 th	e 3 measurements		
Avg drawdown	x Gals per ft	= Drawdown GPM	
Drawdown GPM	+ Inflow GPM	Total pump = capacity GPM	
Pressure Readings (Disc	charge and Suction / Pump ON)	
Pump ON discharge PSI	reading Pump C	ON suction PSI reading	
Motor amperage reading	gs		
A Phase	B Phase	C Phase	
2.3.3 Pump Combination			
Pumps involved			
Pumps involved	Test 2	Test 3	
	G 1		
Test 1	Second	Second	
Test 1 Second	Second	Second	
Test 1 Second Initial	Second Initial	Second	
Test 1 Second Initial Difference	Second Initial Difference	Second	
Test 1 Second Initial Difference GPM	Second Initial Difference e 3 measurements	Second	
Test 1 Second Initial Difference GPM Calculate the average of the Avg drawdown	Second Initial Difference e 3 measurements	Second Initial Difference = Drawdown GPM Total pump	
Test 1 Second Initial Difference GPM Calculate the average of th Avg drawdown Drawdown GPM	Second Initial Difference e 3 measurements x Gals per ft	Second Initial Difference = Drawdown GPM Total pump = capacity GPM	
Test 1 Second Initial Difference GPM Calculate the average of th Avg drawdown Drawdown GPM	Second Initial Difference e 3 measurements x Gals per ft + Inflow GPM charge and Suction / Pump ON	Second Initial Difference = Drawdown GPM Total pump = capacity GPM	
Test 1 Second Initial Difference GPM Calculate the average of the Avg drawdown Drawdown GPM Pressure Readings (Discontinuous)	Second Initial Difference e 3 measurements x Gals per ft + Inflow GPM Charge and Suction / Pump ON reading Pump O	Second Initial Difference = Drawdown GPM Total pump capacity GPM	

2.3.4 Pump Combination

mps 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 (Di	ischarge and Suction / Pump	p ON)
Pump ON discharge PS	I reading P	rump ON suction PSI reading
Motor amperage readi	ngs	
A Phase	B Phase	C Phase



Checklist: Wastewater Storage Facility Inspection

	Process: SMSP Preventive Maintenance tment: System Operations, 81	Document Status: Issued Approved by: Brad Brummett
-	r: SMSP Supervisor	Issued Date: 6/3/2009
		100000 2 0000 3 10000
Facili	ty name	Date
	emod by	
Preve	ntive maintenance work order	
Quart	erly detailed inspection Annu	ual performance inspection
Tip	This checklist can be used completed while conducting	d as a guide for monthly inspections but is not required to being a monthly inspection.
	•	ncility maintenance inspection, check the following areas or
ec	quipment:	
A 1 1.	Diversion Structure	
1.		☐ Site aesthetics
		Actuator(s)
	Slide gate(s) or valve(s)	Cleanliness
	Level transmitter (s)	Cleaminess
1 .		
2.	Grinder Well	
	Hatches and safety grating	Slide gate(s) or valve(s)
	Actuator(s)	Guide rail(s) and lifting mechanisms
	Level transmitter(s)	Cleanliness
	Grinder #1: run time	
	Grinder #2: run time	
	Grinder #3: run time	
3.	Wet Well(s)	
	Hatches and safety grating	Sump Pump #1: run time
	Actuator(s)	Sump Pump #2: run time
	Level transmitter(s)	Slide gate(s) or valve(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	

NA	4.	Valve Vaul	t		
_	٦.	_	and safety grating		Structures (catwalk)
		Lighting			Cleanliness
		☐ Ventilati			Entrance door(s) and locking mechanisms
		☐ Isolation	n valve(s)		Check valve(s)
		☐ Air relea	ase valve(s)		Pressure instrumentation
		☐ Walking	surfaces		Piping and drainage
	5.	Influent Me	eter Vault		
		☐ Hatches	and safety grating		Influent meter totalizer
		☐ Lighting			Flow meter and signal converter
		☐ Ventilati	ion		Actuator(s)
		☐ Isolation	n valve(s)		Piping and drainage
		☐ Pressure	Instrumentation		Drain valve
		Cleanlin	ess		Walking surfaces
		☐ Entrance	e door(s) and locking mechanisms		
	6.	Effluent Me	eter Vault		
		☐ Hatches	and safety grating		Effluent meter totalizer
		☐ Lighting	5		Flow meter and signal converter
		☐ Ventilati	ion	_	Actuator(s)
		☐ Isolation	valve(s)		Piping and drainage
		☐ Cleanlin	ess		Drain valve
		☐ Entrance	e door(s) and locking mechanisms		Walking surfaces
	7.	Odor Contr	rol		
		LEL mo	nitor(s)		Carbon vessel and media sample (air scrubber)
		☐ Hydroge	en sulfide monitor		Magnehelic gauge: pressure drop
		☐ Fan, dan	npers, louvers, and ductwork		
	8.	Electrical E	Building, Control Panel, SCADA Panel	and Rel	ated Equipment
		☐ SCADA	-	_	Grinder control panel(s)
			nitiate this task when you first arrive, so		TVSS monitor (indicator lights)
			ou are testing the UPS unit while doing other tasks.		Lighting
		☐ SCADA	test log sheet (annual insp only)		Ventilation
		☐ Climate	control		Cleanliness
		☐ Emerger	ncy transfer switch		Motor control center components
	9.	Storage Tai	nk		
		☐ Fall safe			Mixer #1: run time
		_	I, hatches, & safety grating (annual only)		Mixer #2: run time
		LEL mo			Mixer #3: run time
		☐ Hydroge	en sulfide monitor		Mixer #4: run time

NA		
	☐ Level transmitter(s)	☐ Guide rail(s) and lifting mechanisms
		☐ Tank drain valve
1 0	Site Miscellaneous	
	Security Security	☐ Backflow preventer
	Exterior lighting	Miscellaneous control panels
	Generator: run time	
		_ ' ' '
	☐ Emergency lighting ☐ Site aesthetics	☐ Signs and placards
	Site aesthetics	
Comments	:	

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

WW Storage Facility Insp Cklist SMSP-CP02-L04-CKL005R2

Important

Appendix E Customer Information Guide

Juderstanding Your Bill

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

Handy Payment Options

- Sign up online or on your bill for these payment options: based on average usage. KUB adjusts the amount peri-BalancedPay lets you pay a set amount each month
 - odically, as your usage goes up or down. [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 -800-405-7951. Bill Matrix charges a convenience fee phone through Bill Matrix. Visit www.kub.org or call

Convenient KUB Payment Kiosks Pay on Your Schedule at

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.

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

Kiosk Locations:

Open 6 a.m. to Midnight 315 Merchant Drive

Open per bus schedules

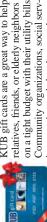
KAT Transit Center 301 Church Avenue E-Z Stop Food Marts: Open 24 hours 8605 Walbrook Drive 9200 Kingston Pike 7510 Asheville Highway Open 6 a.m. to Midnight Food City Stores

4344 Maynardville Highway* 7608 Mountain Grove Drive 950 Western Avenue

(*Located in Seymour) 11311 Chapman Hwy.* 7503 Tazewell Pike

*Located in Maynardville)

KUB Gift Cards: The Power to Help Others KUB gift cards are a great way to help



on a tight budget with their utility bills. ice agencies, and churches can also use Community organizations, social serv-

the cards to help those in need. The purchaser pays a \$3.95 fee; there is no fee for using the card. For more information of to purchase cards, visit www.kubgiftcards.com. 8

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, anytime from anywhere.
- Go green: Sign up online now at www.kub.org.

Privacy Policy

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

adjustments. Wastewater service is not metered; it is billed passes all electric (TVA) or natural gas supplier increases The KUB Board of Commissioners sets rates for all four KUB water and wastewater charges reflect only KUB's costs of providing services; they have no wholesale cost KUB electric and gas rate schedules include provisions based on water use. View rates online at www.kub.org. for passing through wholesale cost fluctuations. KUB or decreases to customers with no additional markup. utility services under Section 11 of the City Charter.

KUB Website

Register on www.kub.org to access your account or to:

- Sign up for Paperless Billing.
- Get a monthly e-mail Alert when your bill is online. 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. View/manage account and personal information.
 - Update your phone number to report outages easily.
 - Start or stop service.
- See tree pruning, construction, and electric outages maps Review a comprehensive guide to KUB tree pruning.
 - Take a free online energy audit or learn about the IVA In-Home Energy Evaluation Program. Find money-saving tips.
 - Learn about utility safety.
- Sign up for Green Power.

mental and recycling resources under the Environment tab on www.kub.org. Please recycle! You can find environ-

Keep Your Phone Number Up to Date

easily report outages on our automated system. Update your number on your bill stub or call 524-2911. On kub.org, use your account more quickly when you call, and it lets you the form under Contact Us form or Contact Information. Having your correct number on file helps KUB access

CUSTOMER GUIDE

Contacting Us

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

Call any time to report leaks or other emergencies. (Report outages directly to 1-800-250-8068.) 24-Hour Emergency Service: 524-2911

Automated Phone System: 524-2911

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

Telecommunications Device for the Deaf: 594-7494

Your Guide to

Jtility Resources

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. PACE10@kub.org for PACE 10 Program
 - Wastewater@kub.org for Wastewater System
 - Trees@kub.org for Tree Pruning

Mailing Address

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

445 South Gay Street (Miller's Building):

Payment Centers

- - 9 a.m.-4:30 p.m., Tues.-Thurs. Closed Mon. and Fri.
- 4218 Asheville Highway (Holston Shopping Ctr.): 8:30 a.m.-5 p.m., Mon.-Fri.
- 4428 Western Avenue (640 Plaza): 7:30 a.m.-6 p.m., Mon. and Fri.;
 - 8:30 a.m.-5 p.m. Tues.-Thurs.

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



Project Help takes donations all year to provide emergency heating aid in winter. See the back of your bill or www.kub.org to Share the Warmth All Year

Para obtener una versión en español de este folleto, llame a KUB al número de teléfono (865) 524-2911 y presione el número 8. Esta información es muy importante.

Please recycle.

CIDY12M12



Gas

Electric

Water





nelptul customer intormation

Reporting Power Outages

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

automated outage line (1-800-250-8068) handy for easy outage reporting. Be sure KUB has your current home Keep KUB's main phone number (524-2911) or the phone number so you can use it to report your outage quickly through the automated system. Follow the system's instructions using a touch-tone phone. Rotary phone users may use the voice-recognition feature.

Weter Reading

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

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

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

KUB Tree Pruning: A Customer Guide

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

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

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

Questions? Please call our pruning hotline at 558-6658 weekgays, 7 a.m.-9 p.m., or e-mail trees@kub.org.

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, etc., away from power lines, and teach children not to climb trees that grow into lines.

enclosed scratch-and-sniff insert for the odor and safety tips. Natural gas leaks are dangerous. If you detect the natural 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

any electrical devices (garage door openers, etc.). Don't use send a trained technician to perform a free leak inspection. cell phones. Don't turn lights or appliances on or off or use can't smell the odor, and call KUB at 524-2911. We will If you smell natural gas, don't use regular, cordless, or gas odor (inside or outside), go to a location where you

matches or lighters. Any of those could be an ignition source Don't re-enter the building or area until KUB tells you it

If you don't smell natural gas, you may hear or see clues Sound: You may hear a blowing or hissing sound. is safe. Your safety is more important than possessions.

discolored for no apparent reason may also signal a leak Sight: You may see bubbling in wet or flooded areas, or flames if a leak ignites. Vegetation that is dead or

Carbon Monoxide: Carbon monoxide (CO) is a colorless high CO level in your home, open windows immediately confusion), leave and call 911 from another location. CO 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 for ventilation and call 911. If you have symptoms of detectors are available at home improvement centers. CO poisoning (nausea, fatigue, headaches, dizziness,

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

water wells, swimming pools, irrigation systems, businesspublic water systems. All customers must install, test, and maintain a backflow prevention device on properties with under federal and state regulations for safe operation of information, please call 594-8333 or see www.kub.org. nection control (backflow) devices on its water system Cross Connection Control: KUB monitors cross conrelated hazards, or other potentials for risk. For more

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

water is diluted by other water, but we urge you to avoid Sewer overflows may expose you (or pets) to bacteria contact or wash thoroughly with soap and water to preand viruses. Overflows contain water from washers, dishwashers, sinks, showers, and toilets. The toilet vent illness.

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

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

you will be transferred to BillMatrix, our current partner Protect Yourself From Fraud Scams and Strangers: KUB never asks for your credit card number for any reason. If you want to use your card to pay your bill. taking payments on the phone and web.

Is the stranger at your door really from KUB?

- KUB employees always carry KUB photo Remember:
- unless you initiated a service call to KUB and made KUB employees rarely ask to come in your home an appointment. identification.
 - to verify that an employee has been sent to your Always ask to see KUB ID, and call 524-2911

Call 811 Before You Dig

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

Private Sewer Service Laterals

If you own a home or business, you also own and must

pipe that connects your building to KUB's sewer system. KUB about needed repairs. If you've had sewer backups or KUB will notify you of any problems we find with your lateral. If you are not having problems, you do not need to take action unless you receive a certified mail packet from maintain your sewer service lateral, the underground other problems, however, please call us at 524-2911

Tips to maintain your lateral and prevent problems: Don't put grease down the sink or toilet

- Don't drive heavy equipment near the lateral.
- Don't connect downspouts, drains, or sump pumps to your lateral. Remove any existing connections.
 - Don't plant large shrubs or trees near the lateral.
- Install a cleanout for fast access; keep the cap on to stop debris from getting in and causing a blockage.

Water System Flushing

system to ensure the water quality our customers expect sample water quality out in the system. Our technicians use the least water possible to clear lines and test water Periodically KUB flushes different parts of the water and to meet regulatory requirements. Running water from a flushing device or a fire hydrant allows us to

Can the Grease: Protect Your Plumbing

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

soup or vegetable cans make great grease cans. Line your can with disposable heat-resistant oven bags. Throw the Never pour grease down drains or toilets. Scrape grease and food from cookware and dishes into a can or the trash. A metal coffee can with a plastic lid or empty metal

iners away (after grease cools) and reuse the can.

Appendix F

Summaries of Changes Made to Other Consent Decree Programs

KUB performs annual reviews of programs approved by EPA to ensure they are up to date and being fully implemented. The most current version of all programs can be found on KUB's Web site in the Public Document Repository. Following are brief descriptions of changes made as a result of those reviews and the locations where they may be found in the actual documents.

Summary of changes made to the Process Controls Program (3rd and 4th Revised)

- 1. Updated definitions and terms as a result of new NPDES permits (2012 for KWWTP and FCWWTP, 2009 for LCWWTP), (Section II.)
- 2. Provided additional clarification on the use of storage and operational facilities constructed during the KWWTP CCP Phase I projects. (Section III.)
- 3. Incorporated facility descriptions and operational guidelines for the Fourth Creek WWTP CCP Phase I Improvements. (Section IV.)
- 4. Minor clarifications, corrections, and additional operations checklists items to facilitate consistency in wet-weather plant operations. (Appendices A-C)

Appendix G Grease Control Program brochure

Grease Control Equipment

approved grease control equipment sizing formula to he GCP, that means traps or interceptors, depending on the amount of grease produced. KUB uses an EPAproperly installed grease control equipment. Under KUB requires all FSFs to install adequately sized and nelp determine the proper size equipment needed.

food, but those facilities must also install grease control the plumbing fixtures in the facility are all important in The amount and type of food prepared or served and determining the size and type of equipment needed. Some facilities, for example, may only serve catered equipment that meets KUB's program requirements and local plumbing code requirements.

washer must plumb it through a grease interceptor. KUB Plumbing fixtures also affect the type of grease control orohibits plumbing dishwashers through a grease trap. equipment needed. FSFs that use an automatic dish-

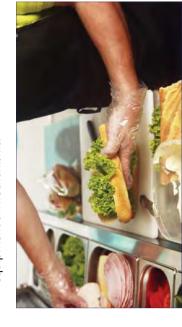
Iwo Types of Grease Control Equipment Grease Interceptor:

- A large tank or device used to separate and hold FOG to keep it from discharging into the sanitary sewer. Typically located outside, due to its large size.
- accessible so they can be inspected and maintained properly. The area above each access manhole must be free from obstruction for at least 11 feet or the depth of the interceptor (whichever is greater). Grease interceptors must be safely and easily
- and manhole access above both the inlet and outlet All grease interceptors must have a mid-baffle wall piping tees, and they must be plumbed to KUB's



Grease Trap:

- to capture FOG from sinks or other fixtures and keep Typically a box-shaped device that is installed inside t from entering the sanitary sewer system.
- A grease trap must have a properly rated and vented flow restrictor, which must be visible and accessible, between the plumbing fixture and the trap's inlet.
- top must be flush with the floor, so it can be opened, f space allows. If it is installed beneath the floor, its cleaned, and inspected without having to enter a A grease trap may be installed sitting on the floor, crawl space or unfinished basement area.
- depth of the grease trap to provide safe, easy access A grease trap must have a clear and unobstructed space above it that is greater than or equal to the for inspection and maintenance.
- Grease traps may not use automated self-cleaning equipment or mechanisms.



Proper Maintenance Prevents Problems, Penalties

on the required frequency (which KUB will establish) to keep it working properly. KUB can provide the FSF with until they are pumped out. FSFs must clean and pump solids, fats, oils, and grease build up in the equipment the entire contents of their grease control equipment Grease control equipment captures grease to keep it rom entering the sanitary sewer system. By design, a list of approved pumpers and cleaners.

insufficient maintenance may lead to

- Discharge of grease
- Corrosion and possible equipment failure
 - **Costly equipment replacement**
- Assessed penalties or service termination

Call 811 Before Any Digging Project

No matter what your project, always make a free call to 811 to have underground utilities marked aw, and it helps protect before you dig. It's the you from dangerous, costly dig ins.







Your Safe Digging Checklist

- ☐ Make a free call to 811 at least three working days before digging.
- of project, type of excavation, and the project location Give the 811 operator your name, start date/duration
 - Outline the area where you plan to dig with white

Wait for the site to be marked. If the markings wash

away or are covered, call 811 again before digging. zone" (width of utility plus two feet on each side). Respect all markings: Dig with care in the "safety

and underground electric won't be marked. Customer-Remember: Customer-owned lines for water, sewer, owned natural gas service lines will be marked.

Toilets Are Not Trash Cans!

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

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





Grease Control Guide Food Service Facilities′

tary sewer helps ensure reliable wastewater service Keeping fats, oils, and grease (FOG) out of the sanifor your food service facility (FSF).

environment. If grease enters your drains (even just lead to messy, costly sewage backups in your buildgrease from washing dishes), it can build up and It also helps protect your property—and our ing or overflows in our community.

Permitting Process (See details inside) Overview of KUB's Grease Control

- 594-8337 to obtain a GCP permit application Call KUB's Grease Control Program (GCP) at
 - Submit completed GCP application to KUB
- usually takes about two business days to review KUB's notification of required equipment (KUB ■ Wait to purchase equipment until you receive a properly completed and signed application)
 - Call 811 to have underground utilities marked for free before any digging
 - Install KUB-approved grease control equipment per KUB's GCP specifications
- Schedule a KUB inspection to ensure proper



Mandated by EPA and TDEC **Grease Control Program**

wastewater service and to operating our wastewater system in an environmentally responsible manner. KUB is committed to providing cost-effective

can occur when fats, oils, and grease (FOG) build up Program (GCP). KUB instituted a GCP to protect the public from sanitary sewer overflows (SSOs), which Conservation (TDEC) also require utilities like KUB to have and maintain an effective Grease Control The Environmental Protection Agency (EPA) and :he Tennessee Department of Environment and nside sewer pipes and cause a blockage.

contribute to grease-related overflows to ensure environment. Through our GCP, KUB works with Overflows can pose a significant public health potential grease-producing facilities that may that they have and maintain adequate grease concern and are a potential threat to our control equipment.



FSFs must call KUB at 594-8337 to discuss grease control requirements

KUB Grease Control Permitting

and obtain a GCP permit. Both new and remodeled FSFs nust contact KUB to obtain direction on how to submit (UB requires all food service facilities (FSFs) to apply for nformation to help determine the type and size of grease control equipment needed

Remodeling may include (but is not limited to) the addition of

- New kitchen equipment New plumbing fixtures
- Increased seating capacity

information. They should also FSFs must renew their permit every other year and provide updated facility and contact report any changes in the



prevent changes from going unnoticed, which may facility since the last permitting period. That helps mean grease is not being adequately controlled.

with GCP requirements or is classified as having a high fee increases if the FSF does not maintain compliance (UB charges a minimum permitting fee of \$100. The potential to discharge grease.

Approval Process

control equipment an FSF plans to use. KUB must also (UB must always approve the type and size of grease approve the grease control equipment's installation to ensure safe and easy access for inspections and maintenance.

permits If you have questions about equipment size call KUB at 594-8337. For questions about plumbing requirements or permits in the City of Knoxville, call in addition to obtaining all the necessary plumbing obtain KUB's approval of grease control equipment ensure equipment is sized appropriately. FSFs must (UB works with local plumbing inspectors to help 215-2999. For Knox County, call 215-2325.

to prevent construction or opening delays or future grease issues—

and to avoid having to replace incorrect or undersized equipment.

Inspection and Assessment

control equipment and maintenance records to ensure wastewater service area. Inspectors check the grease KUB's GCP personnel routinely inspect FSFs in our compliance with the program.

equipment because the large volume of hot water and soap discharged from a dishwasher can easily dissolve communicates any noncompliant issues or items that nspectors also try to determine if the FSF has made a dishwasher may require additional grease control grease in a trap and flush it into KUB's sewers. KUB might impact grease control. For instance, adding changes it has not communicated to KUB that need further review to the FSF.

that maintain compliance and have adequately sized facilities as having high or unacceptable risk if they potential risk to discharge grease. KUB rates FSFs equipment as low to medium risk. KUB classifies KUB also assigns FSFs a risk rating based on their

- Fail to clean their equipment as required
- Contribute to grease build up downstream in the Have inadequately sized equipment
- Fail to comply with KUB's GCP requirements collection system

KUB asks high-risk FSFs to take corrective action, including possibly installing larger equipment.

Ongoing FSF Responsibilities

After going through the permitting process, FSFs must

- Train all employees in proper grease disposal practices and the requirements of KUB's GCP
- Clean equipment at the required frequency
- Maintain and conspicuously post logs on site to document cleaning events
 - Post "No Grease" signs over kitchen sinks and mop sinks
- Ensure equipment remains in good operational condition
- Follow KUB requirements that prohibit the constant, regular, or scheduled use of any
- Notify KUB of any changes or upgrades
- Renew their GCP permit every other year

GCP Permitting, Sizing, Installation **Process for Food Service Facilities**

FSFs must call KUB at 594-8337 to discuss grease opening delays—and to avoid having to replace control requirements to prevent construction or incorrect or undersized equipment.

ment Permitting, Sizing, and Installation process: Follow these steps in the Grease Control Equip-

- FSFs must call KUB's Grease Control Program at 594-8337 to obtain a GCP application and sizing information.
- documentation first, and then completes the FSF reads KUB's Grease Control Program GCP application.
- FSF submits Grease Control Permit Application ville, TN, 37950-9017. Remember: Call KUB's to KUB [Attn: JK15] at P.O. Box 59017, Knox-GCP at 594-8337 with any questions. 'n
- plete and have proper signatures. KUB returns KUB verifies submitted applications are comincomplete and improperly signed applications to the FSF to be corrected.
- equipment, typically within two business days of receiving a properly completed application. KUB reviews the submitted application and notifies FSF of the required grease control 5
- ties marked for free if the equipment installa-FSF must call 811 to have underground utilition requires external digging. ં
- FSF must be sure to acquire any necessary plumbing permits.
- FSF purchases and installs KUB-approved grease control equipment per KUB's GCP specifications. phone call to KUB at 594-8337 now, rather than after you purchase and install the equipment, Remember: If you have questions, a simple can save you time and money.
- ment at least two business days in advance. FSF must call KUB at 594-8337 to schedule an inspection of the grease control equip-
- KUB performs the installation inspection. If the installation passes inspection, KUB issues the 10.