

CITY OF QUINLAN

ORDINANCE NO. 07-757-000

AN ORDINANCE OF THE CITY OF QUINLAN, TEXAS AMENDING THE CODE OF ORDINANCES TO REGULATE DISCHARGES OF ANIMAL AND VEGETABLE FATS, OILS, GREASE, FOOD WASTE, SOIL, SAND, AND LINT, REPEALING ALL ORDINANCES OR PARTS THEREOF IN CONFLICT HERewith; PROVIDING A SAVINGS CLAUSE; PROVIDING ENFORCEMENT, PROVIDING A PENALTY, AND PROVIDING FOR EFFECTIVE DATE

WHEREAS, it appearing to be in the best interest of the City of Quinlan, its citizens and guests, and for the health and safety of the City's inhabitants and guests, that the City regulate discharges of animal and vegetable fats, oils, grease, food waste, soil, sand, and lint into the City's sanitary sewer system; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF QUINLAN, TEXAS:

SECTION I

THAT, the City of Quinlan shall regulate discharge of animal and vegetable fats, oils, grease, food waste, soil, sand, and lint into the City's wastewater collection system; and that Section 14 be added to Chapter 6 of the Code Of Ordinance of the City of Quinlan which shall read as follows:

SECTION 14: REGULATE DISCHARGES OF ANIMAL AND VEGETABLE FATS, OILS, GREASE, FOOD WASTE, SOIL, SAND, AND LINT.

A.

Purpose:

The purpose of this ordinance is to protect the public sewerage collection system and control discharges into the public sewerage collection system and wastewater treatment plant that interfere with the operations of the system, cause blockage and plugging of pipelines, interfere with normal operation of pumps and their controls, and contribute waste of a strength or form that either causes treatment difficulties or is beyond the treatment capability of the wastewater treatment plant.

B.

Definitions:

- a. **Grease:**
Material composed primarily of fats, oil, and grease (FOG) from animal or vegetable sources. The terms fats, oil and grease shall be deemed as grease by definition. Grease does not include petroleum based products.
- b. **Grease Trap:**
A device for separating and retaining waterborne greases and grease complexes prior to the wastewater exiting the trap and entering the sanitary sewer collection and treatment system. These devices also server to collect settleable solids, generated by and from food preparation activities, prior to the water exiting the trap and entering the sanitary sewer collection and treatment system.
- c. **Food Service Facilities:**
Those establishments primarily engaged in activities of preparing, serving, or otherwise making available for consumption foodstuffs and that use one or more of the following preparation activities: cooking by frying (all methods), baking (all methods), grilling, sautéing, rotisserie cooking, broiling (all methods), boiling, blanching, roasting, toasting, poaching, or any other method of cooking. Also included are infrared heating, searing, barbecuing, and any other food preparation activity that produces a hot, non-drinkable food product in or on a receptacle that requires washing. These facilities include restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants, or any other sewer users as determined by the City's Public Works Director (PWD) who discharge applicable waste.
- d. **User:**
Any food service facility or other Commercial establishment using the sewerage system, including those

located outside the jurisdictional limits of the City who contributes, cause, or permits the contribution or discharge of wastewater into the City's wastewater collection or treatment system, including persons who contribute such wastewater from mobile sources, such as those who discharge hauled wastewater.

- e. **Oil/Water separator:**
An approved and industry standard system that is specifically designed and manufactured to separate oil from water shall allow the oil to be collected and removed on a regular basis as to prevent it from being discharged into the wastewater collection system. Only oil/water separators manufactured for that specific operation will be approved. Adequate support literature from the manufacturer will be required so as to allow a proper review by the PWD.
- f. **City:**
The City of Quinlan
- g. **Public Works Director (PWD):**
An employee of the City of Quinlan that is responsible for maintaining streets, water and sewer lines, street signs, applicable traffic control signs, and any other duties that may be required by the City Council.
- h. **Grime:**
Includes sand, soil, silt, lint, and other suspended materials.
- i. **Oil:**
All petroleum products, including but not limited to gas, oil, and grease, as well as other synthetic oil compounds.
- j. **Food Waste:**
Those left over food scrapes, parts and particles of a size to require grinding.

C. **Control Plan for (FOG) and food waste:**

- a. **New Construction:**
Any new construction, renovation, or expansion of food service facilities shall be required to submit to the City, prior to construction, a FOG and food waste control plan that will effectively control the discharge of undesirable materials into the wastewater collection system.

- b. **Existing Facilities:**
Any existing food service facilities shall also be required to submit a Fog and food waste control plan, within 30 days of effective date and/or notice of new ordinance that will effectively control the discharge of undesirable materials into the wastewater collection system. Existing facilities shall not be exempt from the requirements of this ordinance. There will be no “Grandfathering”.

D. General Criteria:

- a. **Installation Requirements:**
All existing, proposed, or newly remodeled food service facilities or other Commercial establishments using the City sewerage system shall be required to install, at the user’s expense a properly operated and maintained grease trap. This grease trap must be approved by the City and shall be piped so that when full it will allow no discharge of undesirable materials into the wastewater collection system.

- b. **Sanitary Sewer Flows:**
Sanitary sewer flows from toilets, urinals, lavatories, etc. shall not be discharged into the grease trap. These flows shall be conveyed separately to the sanitary sewer service lateral.

- c. **Floor Drains:**
Only floor drains which discharge or have the potential to discharge grease shall be connected to a grease trap.

- d. **Garbage Grinders/Disposers:**

If a grinder/disposal is used it must be connected to the grease trap. The use of grinders is discouraged since it decreases the operational capacity of the grease trap and will require an increased pumping frequency to ensure continuous and effective operation. It is recommended that solid food waste products be disposed of through normal solid waste/garbage disposal means.

e. Dishwashers:

Commercial dishwashers must be connected to the grease trap. Dishwashers discharge soap and hot water which can melt grease and allow it to pass through an undersized grease trap. Traps must be sized accordingly to allow enough detention time to allow water to cool and grease to solidify and float to the top of the trap.

f. Location:

Grease trap shall be installed outside the building upstream from the sanitary sewer service lateral connection in order to allow easy access for inspection, cleaning, and removal of the intercepted grease at any time. A grease trap may not be installed inside any part of a building without written approval by the PWD.

g. Pass through limits:

No user shall allow wastewater discharge concentration from grease trap to exceed 100 MgPL (milligrams per liter).

E. Design Criteria:

a. Construction:

Grease traps shall be constructed in accordance with the City's standards and shall have a minimum of two compartments with fittings designed for grease retention. All grease removal devices or technologies shall be based on demonstrated removal efficiencies of the proposed technology.

b. Access:

Access to grease traps shall be available at all times, to allow for their maintenance and inspection. Access to trap shall be provided by two manholes (one on each compartment) terminating at finished grade with cast iron frame and cover.

c. Load-Bearing Capacity:

In areas where additional weight loads may exist, the grease trap shall be designed to have adequate load-bearing capacity. (Example: vehicular traffic in driving or parking areas)

d. Inlet and Outlet Piping:

Wastewater discharging to a grease trap shall enter only through the inlet pipe. Each grease trap shall have only one inlet and one outlet pipe. The grease trap shall be piped so that when full it will allow no discharge of undesirable materials into the wastewater collection system.

e. Grease Trap Sizing:

The required size of the grease trap shall be calculated using the 2003 International building code, however all grease traps shall have a capacity of not less than 1,000 gal. Nor exceed a capacity of 3,000 gal. If the calculated capacity exceeds 3,000 gal., multiple units plumbed in series shall be installed.

F. Grease Trap Maintenance:

a. Cleaning/Pumping:

The user shall maintain all grease traps to assure proper operation and efficiency and maintain compliance with the City's Pass through limits.

1. Maintenance of a grease trap shall include the complete removal of all contents, including floating materials, wastewater, and bottom sludge and solids.

2. Maintenance shall be performed by a qualified and licensed hauler.
3. Maintenance shall also include a thorough inspection of the trap and its components.
4. Decanting or discharging of removed waste back into the trap from which it was removed or any other grease trap, for the purpose of reducing the volume to be disposed is prohibited.
5. Any and all repairs should be completed within 30 days or prior to continued use, whichever comes first.

b. Cleaning/Pumping Frequency:

The grease trap must be pumped out completely a minimum of once every four months, or more frequently, as determined by the PWD, as needed to prevent carry over of grease into the sanitary sewer system.

c. Disposal:

All waste removed from each grease trap must be disposed of at a facility approved to receive such waste in accordance with the provisions of this program. In no way shall the pumpage be returned to any private or public portion of the City's sanitary sewer collection system. All pumpage from grease traps must be tracked by a manifest, which confirms pumping, hauling, and disposal of waste. The customer must obtain and retain a copy of the original manifest from the hauler.

d. Maintenance Log:

A grease trap cleaning/maintenance log indicating each pumping for the previous 24 months shall be maintained by each food service facility. This log shall include the date, time, amount pumped, hauler, and disposal site and shall be kept in a conspicuous location for inspection. Said log shall be made available to the PWD or his representative upon request.

e. Submission of Records:

Each user shall submit all cleaning and maintenance records to the PWD. The maintenance records shall include the following information:

1. Facility name, address, contact person, and phone number.
2. Company name, address, phone number, and contact name of person responsible for performing the maintenance, cleaning, pumping or repair of grease trap.
3. Types of maintenance performed.
4. Dates maintenance was performed.
5. Date of next scheduled maintenance.
6. Copies of manifests.

The user shall be required to submit maintenance records to the PWD on a biannual basis (twice per year) by March 1st and September 1st. The records shall be submitted to:

**City of Quinlan
Attn. Public Works Director
P.O. Box 2740
Quinlan TX, 75474**

The PWD will perform periodic inspections of these facilities and shall notify the user of any additional required maintenance or repairs. Upon written notification by the PWD, the user shall be required to perform the maintenance and records of said maintenance within 14 calendar days. Upon inspection by the PWD the user may be required to install, at his expense, additional controls to provide a complete system which

prevents discharges of undesirable materials into the wastewater collection system.

G.

Additives:

Any biological additive(s) placed into the grease trap or building discharge line including but not limited to, enzymes, commercially available bacteria, or other additives designed to absorb, purge, consume, treat, or otherwise eliminate fats, oils, and grease shall require written approval by the WCSS prior to use. The use of such additives shall in no way be considered as a substitution to the maintenance procedures required herein.

H.

Chemical Treatment:

Chemical Treatments such as drain cleaners, acid, or other chemical solvents designed to dissolve or remove grease shall not be allowed to enter the grease trap.

I.

Sand, Soil and Oil Receptors:

- a.** All car, vehicle, and truck washes, garages, service stations, car, truck, and other vehicle maintenance facilities, fabricators, utility and small engine equipment and maintenance shops, and all other facilities that have or create sources of sand, soil, and oil which may enter the sewerage system of the City shall install effective sand, soil traps, oil traps, interceptors, and oil/water separators (systems).
1. These systems shall be sized to effectively remove sand, soil, and oil at the expected flow rates.
 2. These systems shall be cleaned or pumped by the user on a regular basis to prevent impact upon the wastewater collection and treatment systems of the City.
 3. Users, whose systems are deemed to be ineffective, at the sole discretion of the PWD, shall be required to

change the cleaning frequency or to increase the size of the system.

- b. Owners or operators of a car, truck, and vehicle washing facilities are required to prevent the inflow of detergents and rainwater into the wastewater collection system.
- c. Users that use or accumulate oil and petroleum based products shall be required to install oil/water separators as deemed necessary at the sole discretion of the PWD.

J.

Laundries:

Commercial laundries shall be equipped with an interceptor with a wire basket or similar device, removable for cleaning, that prevents passage (into the wastewater collection system) of solids ½" or larger in size such as rags, strings, buttons, or other solids detrimental to the system.

K.

Control Equipment:

- a. The equipment or facilities installed to control FOG, food waste, sand, soil, oil, and lint must be designed in accordance with the 2003 International Building Code and the most current engineering standards, or other applicable guidelines approved by the PWD. Underground equipment shall be tightly sealed to prevent inflow of rainwater and leakage of contents and shall be easily accessible to allow regular maintenance and inspection.
- b. Control equipment shall be maintained by the owner and/or operator of the facility as to prevent a stoppage of the wastewater collection system, or the release of FOG, food waste, sand, soil, and lint in the collection lines, pump stations, and wastewater treatment plant.
- c. If the City is required to clean out the wastewater collection lines, as a result of a stoppage resulting from poorly maintained control equipment (or lack thereof) the owner or operator shall be required to refund the cost of

labor, equipment, materials, and any overhead costs to the City including any fines incurred due to any sanitary sewer overflow due directly to the stoppage. **The City retains the right to inspect and approve any and all installations of control equipment.**

L.

Alteration of Control Methods:

The City of Quinlan, through the PWD, reserves the right to require additional control measure if existing control equipment is shown to be insufficient to protect the wastewater collection system and wastewater treatment plant from interference due to the discharge of FOG, sand, soil, lint, and any other undesirable materials.

M.

Penalties for Violations:

a. Notice of Violation:

Any user, person, firm, or corporation found to be in violation of this ordinance, in part or whole shall be served by the City with written notice stating the nature of the violation and providing a time limit for the satisfactory correction thereof. The offender shall, within the period of time state in such notice, permanently cease all violations.

b. Termination of Sewer and/or Water Services:

Any user, person, firm, or corporation who shall continue to be in violation of this ordinance, in part or whole, shall be disconnected from the sanitary sewer and/or water service, such disconnection and reconnection to be at total expense to the user.

c. Misdemeanor:

Any user, person, firm, or corporation violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction shall be fined not more than two hundred and no/100 (\$200.00) dollars. Each day in which any such violation continue or be permitted to continue shall be deemed a separate offense.

SECTION II

THAT, all ordinances or parts of ordinances inconsistent with the terms of this ordinance are hereby repealed; provided, however, that such repeal shall be only to the extent of such inconsistency and in all other respects this ordinance shall be cumulative of other ordinances regulating and governing the subject matter covered by this ordinance.

SECTION III

THAT, if any provision, section, exception, subsection, paragraph, sentence, clause or phrase of this ordinance or the application of same to any person or set of circumstances, shall for any reason be held unconstitutional, void or invalid, such invalidity shall not affect the validity of the remaining provisions of this ordinance or their application to other persons or sets of circumstances and to this end all provisions of this ordinance are declared to be severable.

SECTION IV


THAT, this ordinance shall take effect immediately from and after its passage by the City Council of the City Of Quinlan, Texas.

INTRODUCED, PASSED, AND APPROVED by an affirmative vote of the City Council of the City Of Quinlan, Texas, this the 9 day of July, 2007.



SHARON ROYAL, Mayor

ATTEST:



VICKEY RADUECHEL

City Secretary