

ORDINANCE NO. C - _____

AN ORDINANCE relating to updates to the pretreatment ordinances, adding new SMC sections 13.03.0101, 13.03.0216, 13.03.0217, 13.03.0218, 13.03.0219, 13.03.0220, 13.03.0221, 13.02.0222, 13.03.0223, and 13.03.0503; and amending SMC sections 13.03.0502, 13.03.0508, 13.03.0602, 13.03.0622, 13.03.0628, and 13.03.1216, to chapter 13.03 of the Spokane Municipal Code; and setting an effective date.

The City of Spokane does ordain:

Section 1: That a new section, SMC 13.03.0101 shall be added to read as follows:

13.03.0101 Abbreviations

FOG – Fats, oil, and grease.

Section 2: That a new section, SMC 13.03.0216 shall be added to read as follows:

13.03.0216 Grease Control Device(s).

"Grease control device(s)" means an appurtenance or appliance that is installed in a sanitary drainage system to intercept non-petroleum fats, oil, and grease (FOG) from wastewater. There are three types of grease control devices: gravity grease interceptors, hydromechanical grease interceptors, and mechanical grease removal devices.

Section 3: That a new section, SMC 13.03.0217 shall be added to read as follows:

13.03.0217 – Grease Interceptor.

"Grease interceptor" means a large tank installed underground designed to collect and control solid- food wastes and floating grease from wastewater prior to discharge into the sanitary sewer collection system. Grease interceptors are normally installed outside the building and use gravity to separate grease from the wastewater as it moves from one compartment of the interceptor to the next.

Section 4: That a new section, SMC 13.03.0218 shall be added to read as follows:

13.03.0218 Hydromechanical Grease Interceptor.

"Hydromechanical grease interceptor" or "grease trap" means a device placed under or in close proximity to sinks or other fixtures likely to discharge grease in an attempt to

separate, trap and hold oil and grease substances, prior to discharge into the sanitary sewer collection system.

Section 5: That a new section, SMC 13.03.0219 shall be added to read as follows:

13.03.0219 Mechanical Grease Removal Device.

"Mechanical grease removal device" means a power operated device or combination of devices using electrical equipment to heat, filter, siphon, skim or otherwise separate and retain floating grease and solid food waste prior to the wastewater exiting the trap and entering the sanitary sewer collection system.

Section 6: That a new section, SMC 13.03.0220 shall be added to read as follows:

13.03.0220 Oil/Water Separator.

"Oil/water separator" means an appurtenance or appliance that is installed in a sanitary sewer drainage system to intercept petroleum fats, oils, and grease (FOG) from wastewater. There are two types of oil/water separators: baffle type separators and coalescing plate separators.

Section 7: That a new section, SMC 13.03.0221 shall be added to read as follows:

13.03.0221 Sand Trap.

"Sand trap" means an appurtenance or appliance that is installed in conjunction with an oil/water separator to intercept settleable granular particles from wastewater.

Section 8: That a new section, SMC 13.03.0222 shall be added to read as follows:

13.03.0222 Septic Tank.

"Septic tank" means a watertight treatment receptacle receiving the discharge of sewage from a building sewer or sewers, designed and constructed to permit separation of settleable and floating solids from the liquid, and detention and anaerobic digestion of the organic matter, as part of an on-site disposal system.

Section 9: That a new section, SMC 13.03.0223 shall be added to read as follows:

13.03.0223 Wastewater Hauler.

“Wastewater hauler” is a firm permitted to collect and transport materials removed from onsite grease control devices or septic tanks that may be discharged to a local POTW or discharged to a rendering facility. The director may approve industrial waste on a case-by-case basis.

Section 10: That SMC 13.03.0502 is amended to read as follows:

ARTICLE V. ~~((Grease, Oil and Sand Interceptors))~~ Grease Control Devices, Oil/water Separators, Sand Traps

13.03.0502 ~~((Grease traps))~~ Grease Control Devices.

~~((In all cases where a structure is used as a hotel, boardinghouse or restaurant, or where required by the building official or health officer, the owner must provide a properly constructed grease trap through which all wastes of a greasy nature shall be drained. All grease traps are of a type, capacity and design approved by the building official)).~~

Any commercial facility which generates grease waste including but not limited to hotels, boardinghouses, restaurants, or food processing facilities, shall install an approved type of grease control device at the owner’s expense and liability, as part of their waste disposal system. Installation may be required for other facilities by the director, the building and planning department, or the health officer. Design and construction of grease control devices and associated piping shall be in accordance with the more restrictive of the Side Sewer Installation Handbook and Uniform Plumbing Code and must be configured to be readily accessible for maintenance and inspection.

Cross reference(s)—Sewer construction regulations, SMC 13.03.0622

Section 11: That a new section, SMC 13.03.0503 shall be added to read as follows:

13.03.0503 Oil/water Separators, Sand Traps.

Any commercial facility which discharges petroleum and/or settleable granular particles wastes shall install an oil/water separator and/or sand trap as part of their sewer system, at the owner’s expense and liability. Installation may be required for other facilities by the director, the building and planning department, or the health officer. Such commercial facilities include, but are not limited to, car washes, automotive repair/maintenance facilities, and petroleum stations. Design and construction shall be in accordance with the Side Sewer Installation Handbook and City Design Standards, and located as to be readily accessible for maintenance and inspection.

Cross reference(s)—Sewer construction regulations, SMC 13.03.0622.

Section 12: That SMC 13.03.0508 is amended to read as follows:

13.03.0508 Grease Control Devices, Oil/water Separators, Sand Traps — Maintenance.

~~((Where installed, all grease, oil and sand interceptors must be maintained by the owner, at the owner's expense and liability, in good order and condition at all times.))~~

A. All grease control devices, oil/water separators, and sand traps shall be maintained by the owner, at his or her expense and liability, in good order and condition at all times. Existing grease control devices connected to public sewer shall be, cleaned, inspected, and adequately documented per Subsection C. If the grease control device, oil/water separator, or sand trap fails the inspection as not being up to City standards, such device will have to be repaired or replaced at the owner's expense.

B. Grease control devices, oil/water separators, and sand traps shall be cleaned on a sufficient frequency to prevent objectionable odors, surcharge of the grease control device, obstruction, or interference with the operation of the sanitary sewer system.

1. Hydromechanical grease interceptors shall be cleaned at least once every thirty days, when the device is filled to twenty-five percent or more of capacity with grease or settled solids, or based on the operational thresholds of the device manufacturer.
2. Gravity grease interceptors shall be cleaned by a wastewater hauler at least once every ninety days, when their last chamber is filled to twenty- five percent or more of capacity with grease or settled solids, or based on the operational thresholds of the device manufacturer. Grease interceptors with a sample box shall be cleaned immediately when grease is evident in the sample box.
3. Mechanical grease removal devices must be maintained in a manner and frequency consistent with manufacturer specifications and guidance.
4. Oil/water separators and sand traps shall be serviced by a licensed hazardous waste disposal company when the inlet chamber exceeds 6 inches of sludge accumulation, or when there is one inch or more of floating oil in either chamber, whichever comes first.
5. Grease control devices and oil/water separators shall be cleaned by being pumped dry and all accumulated sludge on all surfaces shall be removed by washing down the sides, baffles, and tees. Water removed during cleaning shall not be returned to the grease control device or the oil/water separator, nor the downstream sewer.
6. The use of chemical or biological additives, enzymes or surfactants acting as grease emulsifiers is not permitted as a method for cleaning the grease control device.

C. Users shall maintain records on site for a period of at least three years as follows:

1. Users with an installed grease control device or oil/water separator shall maintain records showing that the control device has been properly maintained and cleaned as required by Subsections A and B.
2. Users shall maintain records showing the following related to all wastes hauled off site: date and time material removed off site; volume removed; licensed wastewater hauler or hazardous waste disposal company name.

D. Grease control devices shall be kept free of inorganic solid materials, such as grit, rocks, gravel, sand, eating utensils, cigarettes, shells, towels, rags, etc.

E. The director may grant an exception to the requirements of Subsections B.2 where the director finds, based on evidence presented by the user, that a less frequent cleaning schedule will be sufficient to assure that not more than twenty-five percent of the capacity of the grease control device will be filled with grease or settled solids.

F. The director may conduct an inspection of grease control devices, sand traps, and oil/water separators. The user shall make all facilities accessible for inspection, and shall provide inspection and maintenance records. The cost of the inspections, any repairs to the public sewer, and any cleaning of the public sewer, necessitated by a lack of proper maintenance of the user's facilities, shall be billed as an additional utility service to the user.

Section 13: That SMC 13.03.0602 is amended to read as follows:

13.03.0602 Inspections

- A. Except as provided hereafter, whenever any side sewer or other connection is made with any public sewer or private sewer, or any part of such side sewer or other connection is constructed, the work shall follow the Side Sewer Installation Handbook and be inspected by the wastewater supervisor or designated wastewater inspector.
- B. ~~((Such inspection shall not be required for sewer))~~ Sewer connections made within mobile home parks, or sewer connections relating to mobile homes, recreational vehicles, house trailers, campers or other similar vehicles located within private property lines shall also be subject to~~((These construction))~~, permit and inspection requirements and the more restrictive of ~~((are provided in))~~ the plumbing code of the City ~~((chapter 11.09 SMC))~~ SMC 17F.100) or the Side Sewer Installation Handbook.
- C. The health officer inspects on-site sewage disposal systems as defined in regulations of the jurisdictional health agency in the City.
- D. Side sewer stubs are inspected by the wastewater management department.

Section 14: That SMC 13.03.0622 is amended to read as follows:

13.03.0622 Sewer Construction Regulations

- A. The director of engineering services prepares and updates “Regulations Governing Sewer Construction in the City of Spokane.”
 - 1. Copies of the regulations may be obtained in the department of engineering services.
- B. The regulations contain specifications relative to materials, construction, procedure, inspection, backfilling and responsibilities in sewer installations. The permissibility of specific installations not fully covered by the regulations, General Special Provisions, or Design Standards and Standard Plans are determined by the sewer maintenance supervisor at the time of occurrence in accordance with the spirit and purpose of the regulations.
- C. Revision of or addition to the regulations may be made by the director of engineering services as specified in SMC 13.03.0902.

Section 15: That SMC 13.03.0628 is amended to read as follows:

13.03.0628 ((Enforcement)) Compliance Inspections

- A. ((The sewer maintenance supervisor, building official, health officer, director of public works and utilities and POTW director)) Authorized personnel of the health officer, the wastewater management department, or the building and planning department shall have the right to enter, during hours of operation upon any premises, public or private, as reasonably necessary to enforce the provisions of this chapter, any other ordinance relative to wastewater control, or any regulation or order adopted or issued pursuant thereto.
- B. The owner or occupant of any house, building, or property ((is required to)) shall specifically allow City officials to inspect on site the nature of wastes intended to be discharged into a public sewer and/or on-site sewage disposal system.
- C. In the event there appears to be a violation, the City, in addition to any other power or authority reserved in this chapter, may issue a notice of violation, requiring the party to whom the notice is directed to correct the violation within thirty days of the date of the notice.
 - 1. Failure to take such corrective action is an additional violation of this chapter.
 - 2. No notice is necessary in case of emergency or as a prior requirement to taking any other enforcement action authorized by this chapter.

Section 16: That SMC 13.03.1216 is amended to read as follows:

13.03.1216 ((Septage)) Wastewater Haulers

A. ((Septage)) Wastewater haulers shall be charged a fixed rate per one thousand gallons of truck tank capacity for each load dumped into the Spokane municipal sewage collection system, to reflect the cost of treatment of a full truck volume of septage of average strength as established by the director, plus a service fee for handling.

~~((B. Each septage hauler must log each load dumped with designated wastewater treatment plant operating personnel, and must comply with City rules for septage dumping procedures, times and clean-up, and must carry in the vehicle a copy of a certificate establishing the total truck tank volume. This certificate shall consist of an approved:~~

- ~~1. calculation of total truck tank volume, or~~
- ~~2. report of an actual displacement test to determine volume.~~

~~The certificate shall accurately indicate the total capacity of the vehicle for hauling septage.))~~

Section 17: Effective Date.

PASSED BY THE CITY COUNCIL ON _____, 2023.

Council President

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Mayor

Date

Effective Date