

AGENDA ITEM
December 4, 2018

Subject: Grinder Pumps & Grease Traps Maintenance

Department: Administration

This ordinance will authorize the City Manager to assign duties for management and maintenance of grinder pumps and grease traps. The City Attorney reviewed this ordinance for compliance.

A GENERAL ORDINANCE OF THE CITY OF NEVADA, MISSOURI, AMENDING CHAPTER 28 OF THE NEVADA CITY CODE PERTAINING TO GRINDER PUMPS AND GREASE TRAPS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI THAT:

Section 1. Section 28-1 of the Nevada City Code is hereby amended by addition of the following provisions:

Sec. 28-1. - Definitions.

Designee means a member of city staff or contracted service provider designated by the City Manager.

Grease interceptors means devices designed and installed to separate and retain for removal, by automatic or manual means, deleterious, hazardous or undesirable matter from sewage wastes, while permitting normal sewage or wastes to discharge into the drainage system by gravity.

Grease traps means interceptors used for sewer pipes which have a flow (flow equals diameter of discharge pipe times velocity) of 50 gallons per minute or less and which are located inside the building they serve.

Section 2. Section 28-45 of the Nevada City Code is hereby amended to read as follows:

Sec. 28-45. - Grease traps and interceptors—Required.

(a) *Interceptors.* Devices in accordance with this subsection shall conform to the following standards:

- (1) *When required.* Grease traps or grease interceptors shall be provided when, in the opinion of the City Manager or Designee, they are necessary for the proper handling of liquid waste containing grease or oil from kitchen or food service facilities. Grease traps or grease interceptors shall not be required for private living quarters or dwelling units. Establishments where traps and interceptors are required shall include restaurants, hotel kitchens, hospitals, school kitchens, bars, factories, cafeterias, restaurants and clubs and any other establishment which prepares or serves food for their clients or customers. All traps and interceptors shall be of the type and capacity approved by the City Manager or Designee. Installation shall be in accordance with the current International Plumbing Code adopted by this Code and any deviation shall be approved by the code official. Grease traps and grease interceptors shall be constructed of

impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, equipped with easily removable covers which, when bolted in place, shall be gas tight and watertight.

(b) Fixture Flow Table:

| <i>Waste flow:</i> | | |
|------------------------|--|----------------|
| (a) | With dishwashing machine | 6 gallons flow |
| (b) | Without dishwashing machine | 5 gallons flow |
| (c) | Single service kitchen (disposable service utensils) | 2 gallons flow |
| (d) | Food waste disposer | 1 gallon flow |
| <i>Retention time:</i> | | |
| (a) | Commercial kitchen waste dishwasher | 2.4 hours |
| (b) | Single service kitchen, single serving | 1.5 hours |
| <i>Storage factor:</i> | | |
| (a) | Fully equipped commercial kitchen | |
| | 8-hour operation | 1 |
| | 16-hour operation | 2 |
| | 24-hour operation | 3 |
| (b) | Single service kitchen | 1.5 |

(c) *Capacity.* Grease traps and grease interceptors shall be of sufficient capacity to provide for at least five gallons of storage per meal or a capacity as determined in accordance with a combination of the following: LC (liquid capacity) = D (number of meals per peak hour) x WF (waste flow rate) x RT (retention time) x SF (storage factor).

(d) *Monitoring.* Prior to approval of the installation of an approved grease trap or grease interceptor, a self-monitoring plan shall be submitted to the City Manager or Designee. Monitoring shall consist of periodic inspections for 30 to 60 days of normal

use to establish a required cleaning or pumping cycle. A submitted schedule for cleaning shall be provided by the owner for approval by the City Manager or Designee. Monitoring of existing grease traps or grease interceptors that were installed prior to the effective date of the ordinance from which this section is derived shall be determined by the same procedures. Periodic inspection shall be made by the City Manager or Designee. Failure in maintenance of traps, interceptors and separators shall be promptly corrected and may be prosecuted under the general penalties section of this Code.

(Code 1998, § 28-45; Ord. No. 2303, § 40; Ord. No. 4260, § 1, 3-17-1998)

Section 3. Section 28-113 (b) of the Nevada City Code is hereby amended to read as follows:

- (b) *Permits.* Pressure sewer systems, including STEP systems or grinder pump sewer systems can only be used within the boundaries of the city when approved by a permit issued by the City Manager or Designee. The City Manager or Designee shall not approve permits for the use of pressure sewer systems when service could be provided from an existing gravity flow sewer main within 300 feet from the facility to be served by the proposed grinder pump sewer system. The City Manager or Designee shall specify the specific makes and models of STEP systems and grinder pump systems to be purchased to ensure that all pumps that may be purchased are compatible with other pressurized sanitary sewer systems used in the city sanitary sewer system and maintained by the city.

Section 4. Section 28-113 (d) of the Nevada City Code is hereby amended to read as follows:

- (d) *Operation, maintenance and repair.* Operation, maintenance and repair of entire individual pressure sanitary sewer systems, including force mains, motors, pump units and appurtenances, shall be the responsibility of the city. Such pressure sanitary sewer systems, including common force mains, shall be dedicated to the city for maintenance and an easement of 15 feet surrounding said pumps and common force main should be dedicated to the city. Owners of the property served by the pressure sanitary sewer systems shall be responsible for operation and maintenance of the inlet pipes leading from building served to pressure sanitary sewer systems, for provisions of electrical power to grinder pump systems or STEP systems, and for funding of services to pump out septic tanks at times specified by the City Manager or Designee.

Section 5. This ordinance shall be in full force and effect from and after its adoption and approval.

PASSED, APPROVED and ADOPTED by the City Council of the City of Nevada, Missouri, this 18th day of December, 2018.

(SEAL)

CITY OF NEVADA, MISSOURI

By: _____
Brian L. Leonard, Mayor

Attest:

Johnna Williams, Deputy City Clerk