

## ORDINANCE NO. 1996

AN ORDINANCE AMENDING ARTICLE 10, SECTION 12.06 OF THE EUREKA SPRINGS MUNICIPAL CODE, FOR THE PURPOSE OF AMENDING THE REQUIREMENT INVOLVING GREASE TRAPS AND THEIR OPERATION IN THE MUNICIPAL CODE OF THE CITY OF EUREKA SPRINGS.

WHEREAS, the City of Eureka Springs (“the City”) is authorized by state law to require the use of grease traps, interceptors, separators and holding tanks by certain businesses within the City, and

WHEREAS, among those businesses, subject to this requirement, there is confusion regarding the requirement and:

NOW THEREFORE, BE IT HEREBY ORDAINED BY THE CITY COUNCIL OF THE CITY OF EUREKA SPRINGS, ARKANSAS:

Section 1. The Eureka Springs Municipal Code, Article 10 Section 12.06 to remove the following language:

### **General and Specific Specifications**

A. Specifications outlined in this section shall be considered minimum requirements only. It shall be the responsibility of each user to have a grease trap, interceptor, or separator designed and installed and maintained that will provide an effluent in compliance with the requirements of this section or other applicable ordinances.

1. Grease traps, interceptors, and separators shall meet or exceed the more stringent of specifications and requirements set for the in this section and other applicable local, state, or federal requirements.

2. An existing grease trap, interceptor, or separator which is upgraded or replaced shall meet or exceed the specifications set forth in this section and other applicable local, state or federal requirements.

3. Where a non-domestic user required under this section to have a grease trap, interceptor, or separator will occupy an existing building, the grease trap, interceptor, or separator shall meet or exceed the requirements set for the in this section and other applicable local state, or federal requirements.

B. Grease traps, interceptors, and separators shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature and capable of withstanding the traffic load where installed.

C. Grease traps, interceptors, and separators shall be installed outside the building wherever possible. Where it is impossible to locate a grease trap outside the building, the trap shall be located in a mechanical room or other separate area where no food is stored or processed, in accordance with state plumbing code.

D. Grease traps; interceptors, and separators shall be located so as to be readily and easily accessible for cleaning and inspection of the pretreatment device and shall be equipped with easily removable covers.

1. Access covers, not less than 12 inches in diameter, shall be installed in the lid of each compartment to facilitate easy access for cleaning and inspection. The covers shall be placed so that all internal piping is accessible for maintenance and inspection. The cover shall be at or near, but not below the finished grade.

2. Where an existing interceptor or separator is located inside a vehicle wash bay, the first chamber shall be preceded by a grated catch basin with openings not greater than one-half-inch in diameter or shall be

equipped with a grated cover with openings not greater than one-half-inch in diameter so that no solid material greater than one-half-inch may enter the chamber. The cover on the secondary chamber shall be watertight. Where the interceptor or separator is preceded by a grated catch basin all covers on the separator shall be watertight.

E. Grease traps shall have a total liquid capacity of not less than 200 gallons. Interceptors shall have a total liquid capacity of not less than 50 gallons. Separators shall have a total liquid capacity of not less than 500 gallons. Grease traps and separators shall be constructed with a minimum of two compartments.

1. The primary compartment shall have a detention time at peak flow of not less than five minutes.
2. The secondary compartment shall have a detention time at peak flow of not less than three minutes.

F. Plans for new grease traps, interceptors, and separators or modifications to existing grease traps, interceptors, and separators shall be submitted to the Control Authority and the Plumbing Inspector for review.

1. A description of plumbing fixtures draining to the trap, the number of fixture units as determined by the Plumbing Inspector and the calculations used to determine the proposed capacity shall be included in the submittal.

2. The Control Authority and the Plumbing Inspector shall be in agreement for approval of the final plans prior to the issuance of any required plumbing or construction permits and subsequent construction.

G. When required grease traps; interceptors and separators shall be equipped with an approved sampling port immediately downstream of the treatment facility.

1. Samplings ports shall be easily accessible and safely located and shall be constructed in accordance with plans approved by the Control Authority. Sampling ports shall be inspected by the Control Authority prior to use.

2. Samplings ports shall be installed by the owner at his/her expense and shall be maintained by the owner, so as to be safe and accessible at all times.

3. Samplings ports shall be constructed to exclude the entry of storm water and groundwater and exit of wastewater (prevention of infiltration/inflow, exfiltration/exflow).

H. Grease traps, interceptors, separators and samplings ports shall be installed by a licensed plumber. Completed grease traps, interceptors, and separators shall be subject to inspection by the Control Authority and the Plumbing Inspector prior to connection to the sanitary sewer.

### **Grease trap specifications**

A. All liquid waste lines in food preparation and dishwashing areas, except lines from rest room facilities, cooling unit condensate, ice maker, and soft drink dispenser drain lines, shall discharge through the grease trap.

B. The minimum size of grease traps, shall be determined according to the number of fixture units draining through the trap, but shall, in no case, have a total liquid capacity of less than 200 gallons.

1. The sum of the total number of fixture units multiplied by 7.5 (GPM), multiplied by 8 (min. detention time) shall determine the minimum total liquid capacity of the trap.

2. The primary chamber shall occupy three-fourths of the total liquid capacity of the trap.

3. The dividing wall between each chamber shall completely divided the chambers (shall extend top to bottom) except where the specific design of the separator provides for underflow, in which case, the wall shall

not be greater than 12 inches from the bottom, between the chambers rather than the flow traveling through a pipe.

4. Fixture units shall be defined in accordance with the applicable Plumbing Code as adopted.

C. Grease trap shall be equipped with double cleanouts on the outside of the trap in both the influent (prior to the trap) and effluent (after the trap) pipes.

D. The influent shall enter each chamber below the static water level in accordance with the specifications outlined in this subsection. The effluent shall discharge from below the static water level of the chamber in accordance with the specifications outlined in this subsection.

1. The influent line into all chambers shall terminate no greater than 18 inches from the bottom of the chamber

2. The effluent from all chambers shall discharge from the lower 12 inches of the chamber.

3. There shall be no openings in any influent or effluent pipe that will allow liquid to enter or exit the chamber at any point other than the intake or discharge point of the pipe.

4. The static water shall be maintained throughout the entire trap.

### **Interceptor and separator specifications**

A. Automatic car or truck washes and coin-operated wash bays, drive-in or drive-through wash bays, hand wash bays and other areas where vehicles are washed shall be equipped with an interceptor and a two-stage separator. The interceptor and the separator shall function as separate units.

1. An adequately sized interceptor shall be provided for the removal of sand, grit and other objectionable solids from the waste stream.

2. An adequately sized, two-stage separator shall be provided for the removal of oil and grease from the waste stream.

3. Interceptors and separators shall be minimally sized in accordance with the specifications outlined in this section. Minimum sizing for any interceptor or separator may be increased at the discretion of the Control Authority.

B. Interceptors shall have a minimum detention time of not less than five minutes. The minimum size shall be in accordance with the specifications outlined in this section.

1. Interceptors may be located inside the wash bay and may be equipped with a grated cover provided the openings in the cover are not greater than one-half inch. When located inside the wash bay, the Control Authority may require a larger capacity interceptor be installed to facilitate efficient sand and grit removal. Covers shall be easily removable for cleaning and inspection.

2. Where located outside the wash bay, the interceptor shall be equipped with solid, watertight covers on each chamber and shall be preceded by a catch basin, located inside the bay, equipped with a grated cover with openings not greater than one-half inch. Covers shall be easily removable for cleaning and inspection.

3. The inlet and outlet lines shall be designed and installed to provide uniform flow stilling in the interceptor and to preclude sand from passing through the interceptor.

A. Where a down pipe is provided at the inlet, the pipe shall extend into the interceptor a distance not less than one-third from the static water level to the bottom.

B. The discharge pipe shall extend into the interceptor a distance not less than one-third from the static water level to the bottom.

C. Separators shall be located outside the wash bay and shall be equipped with solid, watertight covers on all chambers. Covers shall be easily removable for cleaning and inspection. The influent (incoming) shall enter each chamber below the static water level in accordance with the specifications outlined in this subsection. The effluent (outgoing) shall discharge from below the static water level of the chamber in accordance with the specifications outlined in this subsection.

1. The influent line into all chambers shall terminate no greater than 18 inches from the bottom of the chamber.
2. The effluent from all chambers shall discharge from the lower 12 inches of the chamber.
3. There shall be no openings in any influent or effluent pipe that will allow liquid to enter or exit the chamber at any point other than the intake or discharge point of the pipe.
4. The static water level shall be maintained throughout the entire trap.

D. Minimum sizing for interceptors shall be 50 gallons per fixture unit (F.U.) draining into the interceptor, but not less than the minimum sizes outlined below.

<b>Interceptors</b>	<b>Minimum Size</b>
Manual hand wash bay or portable water	50 gal/F.U. but not less than 50 gal/bay
Coin-operated self-service wash bays	50 gal/F.U. but not less than 50 gal/bay
Automatic (drive-in & drive-through)	50 gal/F.U. but not less than 50 gal/bay

E. Minimum sizing for separators shall be 150 gallons per fixture unit draining into the separator, but not less than the minimum sizes outlined below.

<b>Separators</b>	<b>Minimum size</b>
Portable washer	greater of 500 gal or 150 gal/F. U.
Single coin-operated wash bay	greater of 500 gal or 150 gal/F.U.
Manual hand wash, single bay only	greater of 500 gal or 150 gal/F.U.
2-4 coin-operated or manual hand-wash bays	greater of 1,000 gal or 150 gal/F.U.
>4 coin-operated or manual hand wash bays	greater of 1,000 gal +200 gal/bay>4 or 150 gal/F.U.
Drive-through wash bay	greater of 500 gal or 150 gal/F.U.

1. The primary chamber of the separator shall occupy three-fourths of the total liquid capacity of the separator.
2. The dividing wall between each chamber shall completely divide the chambers (shall extend top to bottom) except where the specific design of the separator provides for underflow not grater than 12 inches between the chambers rather than the flow traveling through a pipe.

**Holding tank specification**

- A. Holding tanks shall be constructed and maintained to prevent discharge of waste, cooking oils, motor oils and other oils and fluids that are prohibited from being discharged to the sanitary sewer.
- B. Holding tanks shall not be connected to the sanitary sewer or in any other way be allowed to discharge to the sanitary sewer.
- C. Holding tanks shall be provided with secondary containment and such containment shall be capable of containing not less than 110 percent of the capacity of the holding tank or the capacity of the largest tank plus

water from a maximum 24 hour/ten year rainfall event if exposed to rainwater, whichever is greater.

1. Secondary containment shall be constructed so as to control spills or splashes during operation and maintenance and leaks.

2. Secondary containment shall not be connected to and sanitary sewer drain or storm drain and shall not be allowed to drain onto public or private property or to the waters of the United States.

Section 2. The Eureka Springs Municipal Code, Article 10 Section 12.06, is hereby amended to include the following language in place of the above removed language:

### **Grease Trap Specifications**

A. All Grease traps, interceptors, and separators shall meet or exceed the requirements required by the Arkansas State Plumbing Code of 2003 as adopted and promulgated by the Arkansas State Board of Health pursuant to the authority expressly conferred by the State of Arkansas in Act 200, of 1951 as amended, and Act 96 of 1913, as amended.

Section 3. All ordinances and parts of ordinances in conflict with this ordinance are hereby repealed to the extent of such conflict.

Section 4. That in the event that any section, paragraph, subdivision, clause, phrase, or other provision of portion of this Ordinance shall be adjudged invalid or unconstitutional, the same shall not affect the validity of this Ordinance, Code, code section or chapter as a whole, or any part or provision, other than the part so decided to be invalid or unconstitutional, and the remaining provisions of this Ordinance, code

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF EUREKA SPRINGS, AR,  
THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2005.

APPROVED:

\_\_\_\_\_  
KATHY HARRISON, Mayor

ATTEST:

\_\_\_\_\_  
MARY JEAN SELL, City Clerk