

CITY OF SPRINGFIELD  
 ORDINANCE NO. 2006- 006  
 AN ORDINANCE AMENDING ARTICLE IV SECTION D AND ARTICLE V  
 SECTION C OF THE SEWER ORDINANCE AND ADDING SECTION E TO  
 ARTICLE IV

The following shall be added to Article IV Section D of the City of Springfield Sewer Ordinance and shall read as follows:

**D. Inspection**

3. All new sewer line extensions shall be air tested and all manholes vacuum tested. The entire system will be flooded and video inspected. Any lines found holding water will have to be removed and re-installed. All tests will be at the expense of the developer and must be done under the supervision of the Pretreatment Coordinator or his representative. In addition to these tests the developer will, upon completion of the extension, submit a copy of the as-built plans signed by the engineer. The developer will provide a one-year warranty on the extension effective from the date of acceptance of the extension into the Springfield Water and Sewer Commission's system. Extensions will not be accepted into the SWSC system until 80% of the development has been put into service and the extension has passed an inspection conducted by the Pretreatment Coordinator or his representative.

**E. Grease Traps**

- A. All new or extensively remodeled public facilities in the manufacture, processing, preparation or service of food and food products shall install a grease trap approved by the Public Works Director.
- B. All wastewater drain piping from food processing equipment, sinks, dishwashers, and floor drains located in food preparation and processing areas shall be separated from other wastewater piping and shall discharge to the grease trap prior to entering the sanitary sewer system.
- C-1 The minimum liquid capacity of the grease trap shall be based on the total design daily waste flow for the facility served. The minimum capacity shall be as follows:

<i>Grease trap capacity</i>	<i>Design Daily Waste Flow</i>
150 gallons	1 to 4,000 GPD
300 gallons	4,001-8,000 GPD
500 gallons	> 8,000 GPD

- C-2 The design daily waste flow shall be determined based on the guidelines provided in the state regulations for On-Site Disposal Systems (902 KAR 10:081 and 10:085)
- D. Grease traps shall be installed as close as practicable to the source of the wastewater and located outside of the facility unless approval is granted by the Public Works Director.

The following amendment will be made to Article V, Section C, Paragraph 13:

13. The following limitations are established for characteristics of any wastewaters to be discharged into the municipal sewer system Springfield WWTP subject to any alternative limitations and/or compliance schedule as established in the Industrial User Permit. All significant industrial users must comply with these limitations where they are more stringent than applicable State and/or Federal regulations.

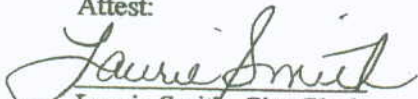
<u>Parameter</u>	<u>Maximum Daily Concentration (mg/l)</u>
Arsenic	0.37
Cadmium	0.03
Chromium, Total	1.35
<u>Chromium, Hexavalent</u>	<u>0.44</u>
Copper	0.60
Cyanide, Amenable	0.08
Lead	<del>0.08</del> <u>0.19</u>
Mercury	0.0005
Molybdenum	0.75
Nickel	0.45
<u>Phosphorus, Total</u>	<u>59</u>
Selenium	0.05
Silver	0.18
Zinc	1.50

Adopted this 11<sup>th</sup> day of July, 2006 upon roll call vote as follows:

Paul Borders Y, John R. Hardin Y, Mary Haydon Y,  
 Carolyn Hardin Y, John W. Ellery Y, Mike Elliott Y

  
 Mayor Mike Haydon

Attest:

  
Laurie Smith, City Clerk

Date of first reading June 13, 2006  
Date of second reading July 18, 2006  
Date of publication July 18, 2006

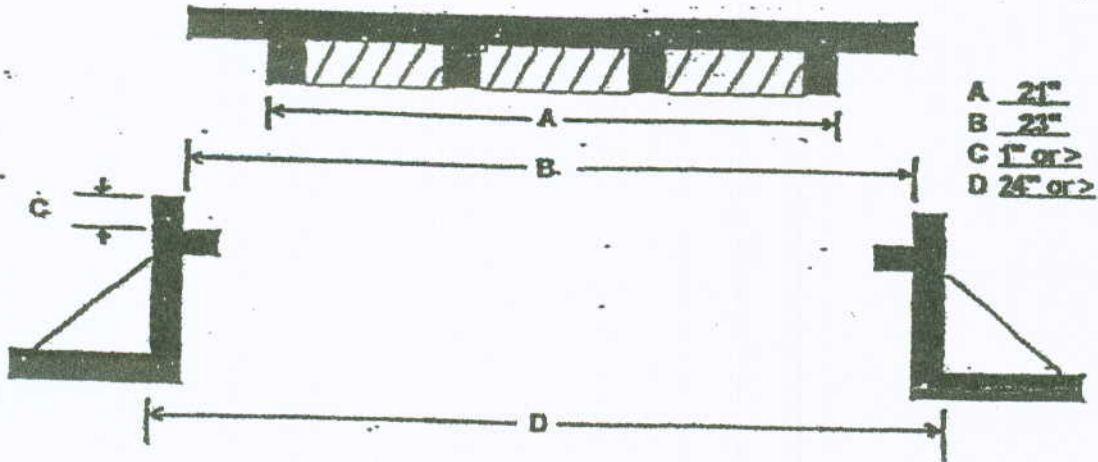
CITY OF SPRINGFIELD  
ORDINANCE NO. 2006-005  
AN ORDINANCE AMENDING ARTICLE IV SECTION C #9  
OF THE SEWER ORDINANCE  
AND ADDING SECTION 13 TO ARTICLE IV

The following shall be added to amend Article IV Section C #9 and a new Section #13 shall be added to Article IV Section C #9 of the City of Springfield Sewer Ordinance to read as follows:

**C. Design and Installation**

9. The building sewer shall be connected into the public sewer at the easement or property line **and the owner must install at a point prior to the tap a 6" clean out Tee with a clean out at ground level and an approved back water valve in order to prevent a sewer backup into property owner's dwelling.** Where no property located service branch is available, an authorized agent of the City shall cut a neat hole into the main line of the public sewer and a suitable wye or tee saddle installed to receive the building sewer. The invert of the building sewer at such point of connection with a saddle shall be in the upper quadrant of the main line of the public sewer. A neat workmanlike connection, not extending past the inner surface of the public sewer, shall be made and the saddle made secure and watertight by encasement in epoxy cement specially prepared for this purpose. A wye and H bend fitting shall be installed at the property line between the public sewer and the building sewer. This fitting shall serve the purpose of a cleanout and for applying the smoke test during inspection of the line. After testing, a cast iron or ductile iron riser will be inserted in this fitting and brought flush with the ground surface. A stopper or plug, outfitted with a type joint applicable to the pipe used, shall seal this riser against the intrusion of ground or surface water.
  
13. All sewer main extensions must conform to the following manhole lid and ring specifications:
  - A. Heavy "traffic weight" rings and lids shall be used at all manholes installed.
  - B. Manhole lids shall have a maximum of two pickholes, preferably one, and no other holes in the lid.
  - C. The maximum size of the pickhole is 1" x ½".
  - D. Pickholes shall not extend all the way through the lid.
  - E. Total clearance between the lid and manhole ring shall be ¼", i.e. if inside diameter of ring is 23 inches, the outside diameter of the lid should be 22 ¾".
  - F. The bottom of the lid must not extend below the ring lip; that is, the lid must be of uniform thickness throughout. Otherwise, there must be a one (1) inch clearance between the extension and ring; extension depth shall not exceed two (2) inches.
  - G. Compatible riser rings must be available to bring manhole to final grade required.
  - H. Each manhole ring and lid must be installed complete with a "dish" type seal to prevent inflow of surface water.

### Lid and Ring Dimensions

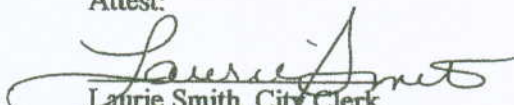


Adopted this 11<sup>th</sup> day of July, 2006 upon roll call vote as follows:

Paul Borders Y, John R. Hardin Y, Mary Haydon Y,  
Carolyn Hardin Y, John W. Ellery Y, Mike Elliott Y,

  
Mayor Mike Haydon

Attest:

  
Laurie Smith, City Clerk

Date of first reading June 13, 2006  
Date of second reading July 11, 2006  
Date of publication July 18, 2006