

1 (Published in the Topeka Metro News March 15, 2006)
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3 ORDINANCE NO. 18581
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5 AN ORDINANCE introduced by City Manager Neil Dobler, relating to the installation
6 of backflow prevention devices, amending City of Topeka Code §
7 26-459 and specifically repealing said original section.
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9 BE IT ORDAINED BY THE COUNCIL OF THE CITY OF TOPEKA, KANSAS:

10 Section 1. That City of Topeka Code § 26-459, Installation of devices; types, is
11 hereby amended to read as follows:

12 **Installation of devices; types.**

13 (a) *Protective devices required.* The type of protective device required
14 under this division shall be determined by the degree of hazard which exists as
15 determined by the enforcement agency. The following are illustrative examples:

16 (1) Premises having auxiliary water supply shall protect the public
17 system by either an approved airgap or an approved reduced pressure
18 principle backflow prevention assembly.

19 (2) Premises having water or substances which would be non-
20 hazardous to the health and well-being of the consumers shall protect the
21 public system with no less than an approved double-check valve
22 assembly. Additionally, residential premises and commercial premises
23 which have lawn irrigation systems which are not used to apply fertilizers,
24 pesticides, or other chemicals shall protect the public system with no less
25 than an approved double-check valve assembly.

26 (3) Premises where material dangerous to health is handled in a
27 manner which creates an actual or potential hazard shall protect the public

28 system by an approved airgap or an approved reduced pressure principle
29 backflow prevention assembly.

30 (4) Premises where cross connections are uncontrolled shall protect
31 the public water supply by installing an approved airgap or an approved
32 reduced pressure principle backflow prevention device at the service
33 connection.

34 (5) Premises where because of security requirements or other
35 prohibitions it is impossible to complete an in-plant cross connection
36 inspection, the public system shall be protected by the installation of an
37 approved airgap or an approved reduced pressure principle backflow
38 prevention assembly at the service connection.

39 Premises which may fall into one or more of the aforementioned categories may
40 be, but are not limited to, the following:

41 Beverage bottling plants.

42 Buildings: Hotels, apartments, public or private buildings, or other structures
43 having actual or potential cross connections. This includes structures of four stories or
44 more and/or structures equipped with booster pumps.

45 Car wash facilities.

46 Chemical manufacturing, handling or processing plants.

47 Chemically contaminated water.

48 Dairies and cold storage facilities.

49 Dentist offices

- 50 Doctor's offices equipped with laboratories, surgeries or other potential cross
- 51 connections
- 52 Film or photography processing laboratories.
- 53 Fire systems.
- 54 Hospitals, medical centers, morgues, mortuaries, autopsy facilities, clinics, or
- 55 nursing and convalescent homes.
- 56 Irrigation systems.
- 57 Laundries.
- 58 Metal cleaning, metal plating, processing or fabricating plants.
- 59 Nursing and convalescent homes designed for acute care.
- 60 Oil and gas production, storage or transmission facilities.
- 61 Packing or food processing plants.
- 62 Paper and paper products plants.
- 63 Power plants.
- 64 Radioactive materials plants or handling facilities.
- 65 Restricted or classified facilities.
- 66 Rubber plants.
- 67 Sand, gravel or asphalt plants.
- 68 Schools or colleges.
- 69 Sewage and storm drainage facilities and reclaimed water systems.
- 70 Solar heating systems.
- 71 Temporary service: Fire hydrants, air valves, blow-offs and other outlets.
- 72 Waterfront marinas.

73 (b) *Installation.* Approved devices shall be installed at all fixtures and
74 equipment where backflow or backsiphonage may occur and where a minimum airgap
75 between the potable water outlet and the fixture or equipment floodlevel rim cannot be
76 maintained. Backflow and backsiphonage devices of all types shall be in an accessible
77 location to allow for proper testing. ~~Installation in pits or any other location not properly~~
78 ~~drained shall be prohibited.~~

79 Connection to the potable water piping and initial installation of all backflow
80 prevention devices shall be done by a licensed plumber employed by a licensed
81 plumbing contractor certified in backflow testing or repair. Replacement of an existing
82 device may be done by certified backflow tester/technicians employed in the trade or
83 craft for which the backflow preventer was installed (i.e., lawn irrigation, fire
84 suppression, ice machine installation, etc.). All devices shall be installed so they will be
85 accessible for regular inspection and testing.

86 Section 2. That City of Topeka Code § 26-459 is hereby specifically repealed.

87 Section 3. This ordinance shall take effect and be in force from and after its
88 passage, approval and publication in the official City newspaper.

89 PASSED AND APPROVED by the City Council MAR 07 2006



91
92
93
94 William W. Bunten
95 William W. Bunten, Mayor

96 ATTEST:
97
98 Iris E. Walker
99 Iris E. Walker, City Clerk

APPROVED AS TO FORM AND LEGALITY
DATE <u>2/13/06</u> BY <u>BB</u>
TO BE CODIFIED <u>X</u>
NOT TO BE CODIFIED _____