

## CHAPTER 93

# WELL CONTROL ZONES

### 93.01 Control Zones Established

#### 93.02 Control Zone 1

#### 93.03 Control Zone 2

### 93.04 Additional Control Zones

#### 93.05 Violation Abatement

#### 93.06 Penalty

**93.01 CONTROL ZONES ESTABLISHED.** "Control Zone 1" herein referred to consists of all lands located within a distance of one hundred feet (100') from the location of City wells, and "Control Zone 2" herein referred to consists of all lands located within a distance of two hundred feet (200') from the location of City wells.

**93.02 CONTROL ZONE 1.** It shall be unlawful for any person, persons, or group of persons to use, to erect, or cause to be erected within "Control Zone 1" any of the following structures, uses, or activities:

- A. Concrete vaults and septic tanks.
- B. Chemical application to ground surface.
- C. Chemical and mineral storage above ground.
- D. Earthen silage storage trench or pit.
- E. Railroads

**93.03 CONTROL ZONE 2.** It shall be unlawful for any person, persons, or group of persons to use, to erect, or cause to be erected within "Control Zone 2" any of the following structures, uses, or activities:

- A. Cemetery.
- B. Cesspool and earth pit privies.
- C. Chemical and mineral storage on or underground.
- D. Private well.
- E. Soil absorption field.
- F. Mechanical wastewater treatment plant.
- G. Land application of solid wastes.
- H. Irrigation of wastewater.
- I. Animal enclosure.
- J. Land application of liquid or slurry animal wastes.
- K. Land application of solid animal wastes.
- L. Solid animal wastes stockpile.
- M. Animal wastes storage tank.
- N. Transmission pipelines (such as fertilizer, liquid petroleum, or anhydrous ammonia)

**93.04 ADDITIONAL CONTROL ZONES.** It shall be unlawful for any person, persons, or group of persons to use, to erect, or cause to be erected within the stated distances any of the following structures, uses, or activities:

- 1. Sanitary & industrial discharges - 400 feet
- 2. Water treatment plant wastes - 50 feet
- 3. Well house floor drains- 5 feet

4. Sanitary & storm sewers, drains
  - a. 0 - 25 feet: Prohibited
  - b. 25 - 75 feet: Water main piping material only
  - c. 75 - 200 feet: Water main or sanitary sewer piping material only
5. Sewer force mains
  - a. 0 - 75 feet: Prohibited
  - b. 75 - 400 feet: Water main piping material only
  - c. 400 - 1000 feet: Water main or sanitary sewer piping material only
6. Water plant treatment process wastes that are treated onsite
  - a. 0 - 5 feet: Prohibited
  - b. 5 - 50 feet: Water main or sanitary sewer piping material only
7. Water plant wastes to sanitary sewer
  - a. 0 - 25 feet: Prohibited
  - b. 25 - 75 feet: Water main piping material only
  - c. 75 - 200 feet: Water main or sanitary sewer piping material only
8. Well house floor drains to sewers
  - a. 0 - 25 feet: Prohibited
  - b. 25 - 75 feet: Water main piping material only
  - c. 75 - 200 feet: Water main or sanitary sewer piping material only
9. Well house floor drains to surface
  - a. 0 - 5 feet: Prohibited
  - b. 5 - 50 feet: Water main or sanitary sewer piping material only
10. Lagoons - 400 feet
11. Animal pasturage - 50 feet
12. Animal wastes storage basin or lagoon - 400 feet
13. Basements, pits, sumps - 10 feet
14. Cisterns - 50 feet
15. Flowing streams or other surface water bodies - 50 feet
16. Solid waste landfills and disposal sites - 1000 feet

**93.05 VIOLATION ABATEMENT.** Any person, persons, or group of persons found to be violating any provisions of this ordinance shall be served by the city with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, satisfactorily correct said violation(s) and permanently cease all violations.

**93.06 PENALTY.** Any person, persons, or group of persons who shall continue any violation beyond the time limit provided for in Section 93.05 shall be guilty of a municipal infraction in accordance with Chapter 4 of the Code of Ordinances. Every day in which any such violation shall continue shall be deemed a separate offense.