

CHAPTER 147

WATER WELL PROTECTION

147.01 Contamination of Wells

147.01 CONTAMINATION OF WELLS. To prevent contamination of public wells, no potential source of contamination shall be constructed nearer to any such public well than the distances shown below for each such possible source of contamination:

1. Well house floor drains — 5 feet;
2. Water treatment plant wastes — 50 feet;
3. Sanitary and industrial discharges — 200 feet;
4. Floor drains from pump house to surface:
 - A. None within 5 feet;
 - B. 5 to 10 feet — water main materials enclosed in concrete permitted;
 - C. 10 to 25 feet — must be water main material;
 - D. 25 to 75 feet — must be watertight sewer pipe;
5. Floor drains to sewer, water plant wastes, storm or sanitary sewers or drains:
 - A. None permitted within 25 feet;
 - B. 25 to 75 feet, must be water main material;
 - C. 75 to 200 feet, must be watertight sewer pipe;
6. Force mains:
 - A. None permitted within 75 feet;
 - B. 75 to 200 feet, must be water main materials;
7. Land application of solid waste — 200 feet;
8. Irrigation of wastewater — 200 feet;
9. Concrete vaults and septic tanks — 200 feet;
10. Mechanical wastewater treatment plants — 200 feet;
11. Cesspools and earth pit privies — 200 feet;

12. Soil absorption fields — 200 feet;
13. Lagoons — 200 feet;
14. Chemicals:
 - A. Application to ground surface — 200 feet;
 - B. Above ground storage — 200 feet;
 - C. On or underground storage — 200 feet;
15. Animal pasturage — 50 feet;
16. Animal enclosure — 200 feet;
17. Animal wastes:
 - A. Land application of solids — 200 feet;
 - B. Land application of liquid or slurry — 200 feet;
 - C. Storage tank — 200 feet;
 - D. Solids stockpile — 200 feet;
 - E. Storage basin or lagoon — 200 feet;
18. Earthen silage storage trench or pit — 200 feet;
19. Basements, pits, sumps — 10 feet;
20. Flowing streams or other surface water bodies — 50 feet;
21. Cisterns — 100 feet;
22. Cemeteries — 200 feet;
23. Private wells — 200 feet;
24. Solid waste disposal sites — 200 feet.

[The next page is 575]