

ORDINANCE

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AN ORDINANCE RESTRICTING THE LOCATION OF POTENTIAL SOURCES OF CONTAMINATION WITHIN CLOSE PROXIMITY TO PUBLIC WATER WELLS WITHIN THE CITY OF FARMINGTON, IOWA

BE IT ORDAINED by the City Council of the City of Farmington, Iowa:

SECTION 1 No structure or facility of the following enumerated types shall be located within the distances hereinafter set forth, from a shallow public well within the City of Farmington, Iowa:

1. Well house floor drains - 5 feet.
2. Water treatment plant wastes - 50 feet.
3. Sanitary and industrial discharges - 400 feet.
4. a. Floor drains from pump house to surface - none within 5 feet.
 1. 5-10 feet water main materials enclosed in concrete permitted;
 2. 10-25 feet must be water main material;
 3. 25-75 feet must be watertight sewer pipe.
- b. Floor drains to sewers, water plant wastes, storm or sanitary sewers or drains:
 1. None permitted within 25 feet;
 2. If closer than 75 feet, must be water main material;
 3. If between 75 and 200 feet, must be watertight sewer pipe.
- c. Force main:
 1. None permitted within 75 feet;
 2. If within 400 feet, must be water main materials.
5. Land application of solid water - 200 feet.
6. Irrigation of waste water - 200 feet.

7. Concrete vaults and septic tanks - 200 feet.
8. Mechanical wastewater treatment plants - 400 feet.
9. Cesspools and earth pit privies - 400 feet.
10. Soil absorption fields - 400 feet.
11. Lagoons - 1,000 feet.
12. Chemical application to ground surface - 200 feet; above ground storage - 200 feet.
13. Animal pasturage - 50 feet.
14. Animal enclosure - 200 feet.
15. 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 - 400 feet.
 - e. Storage basin or lagoon - 1,000 feet.
16. Earthen silage storage trench or pit - 200 feet.
17. Basements, pits, sumps - 10 feet.
18. Flowing streams or other surface water bodies - 50 feet.
19. Cisterns - 100 feet.
20. Cemeteries - 200 feet.
21. Private wells - 200 feet.
22. Solid waste disposal sites - 1,000 feet.

SECTION 2 No structure or facility of the following enumerated types shall be located within the distances hereinafter set forth, from a deep public well within the City of Farmington, Iowa:

1. Well house floor drains - 5 feet.

2. Water treatment plant wastes - 50 feet.
3. Sanitary and industrial discharges - 400 feet.
4. a. Floor drains from pump house to surface - none within 5 feet.
 1. 5-10 feet water main materials enclosed in concrete permitted.
 2. 10-25 feet must be water main material;
 3. 25-75 feet must be watertight sewer pipe.
- b. Floor drain to sewers, water plant waste storm or sanitary sewers or drains:
 1. None permitted within 25 feet;
 2. If closer than 75 feet, must be water main material;
 3. If between 75-200 feet, must be watertight sewer pipe.
- c. Force mains:
 1. None permitted within 75 feet;
 2. If between 75-400 feet, must be water main materials.
5. Land application of solid waste - 100 feet.
6. Irrigation of waste water - 100 feet.
7. Concrete vaults and septic tanks - 100 feet.
8. Mechanical wastewater treatment plants - 200 feet.
9. Cesspools and earth pit privies - 200 feet.
10. Soil absorption fields - 200 feet.
11. Lagoons - 400 feet.
12. Chemical application to ground surface - 100 feet.
 - Above ground storage - 100 feet.
 - On or underground storage - 200 feet.
13. Animal pasturage - 50 feet.
14. Animal enclosure - 100 feet.

15. Animal wastes:

- a. Land application of solids - 100 feet.
- b. Land application of liquid or slurry - 100 feet.
- c. Storage tank - 100 feet.
- d. Solids stockpile - 200 feet.
- e. Storage basin or lagoon - 400 feet.

16. Earthen silage storage trench or pit - 100 feet.

17. Basements, pits, sumps - 10 feet.

18. Flowing streams to other surface water bodies - 50 feet.

19. Cisterns - 50 feet.

20. Cemeteries - 200 feet.

21. Private wells - 200 feet.

22. Solid waste disposal sites - 1,000 feet.

SECTION 3 Proscriptions as set forth in Section 1 and 2 herein shall apply to all public water wells existing within the City of Farmington, Iowa, except public water wells formerly abandoned for use by resolution of the City Council.

SECTION 4 The Mayor of the City of Farmington shall designate each water well within the City of Farmington as being a "shallow well" or "deep well" for purposes of this Ordinance.

SECTION 5 The use of structures or facilities existing at the time of enactment of this Ordinance may be continued even though such use may not conform with the regulations of this Ordinance. However, such structure or facility may not be enlarged, extended, reconstructed, or substituted subsequent to adoption of this Ordinance.

SECTION 6 If any section or provision of this Ordinance shall be declared by any court to be invalid, that decision shall not affect the validity of this Ordinance as a whole, or any part thereof, other than the part so declared to be invalid.

SECTION 7 That any section or parts of Ordinance in conflict herewith are hereby repealed.

SECTION 8 This Ordinance shall be in force and effect when published in the Van Buren County Leader-Record.

Passed, adopted, and approved this 12th day of June, 1989.

Elmer Huff, Mayor
Karen Faulkner, City Clerk

First reading: May 8, 1989
Second reading: Moved to be dispensed with, June 12, 1989
Third reading: June 12, 1989
Publication date: July 13, 1989