

**459.202 Confinement feeding operations structures — separation distances.**

The following shall apply to confinement feeding operation structures:

1. a. Except as provided in [subsection 3](#) and [sections 459.203, 459.205, and 459.206](#), [this subsection](#) applies to confinement feeding operation structures constructed on or after May 31, 1995, but prior to January 1, 1999; and to the expansion of structures constructed prior to January 1, 1999.

b. The following table represents the minimum separation distance in feet required between a confinement feeding operation structure and a residence not owned by the owner of the confinement feeding operation, or a commercial enterprise, a bona fide religious institution, or an educational institution:

Type of structure	Minimum separation distance in feet for operations having an animal weight capacity of less than 625,000 pounds for animals other than cattle, or less than 1,600,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 625,000 or more pounds but less than 1,250,000 pounds for animals other than cattle, or 1,600,000 or more pounds but less than 4,000,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 1,250,000 or more pounds for animals other than cattle, or 4,000,000 or more pounds for cattle
Anaerobic lagoon	1,250	1,875	2,500
Uncovered earthen manure storage basin	1,250	1,875	2,500
Uncovered formed manure storage structure	1,000	1,500	2,000
Covered earthen manure storage basin	750	1,000	1,500
Covered formed manure storage structure	750	1,000	1,500
Confinement building	750	1,000	1,500
Egg washwater storage structure	750	1,000	1,500

2. a. Except as provided in [subsection 3](#) and [sections 459.203, 459.205, and 459.206](#), [this subsection](#) applies to confinement feeding operation structures constructed on or after January 1, 1999, but prior to March 1, 2003, and to the expansion of structures constructed on or after January 1, 1999, but prior to March 1, 2003.

b. The following table represents the minimum separation distance in feet required between a confinement feeding operation structure and a residence not owned by the owner of the confinement feeding operation, or a commercial enterprise, a bona fide religious institution, or an educational institution:

Type of structure	Minimum separation distance in feet for operations having an animal weight capacity of less than 625,000 pounds for animals other than cattle, or less than 1,600,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 625,000 or more pounds but less than 1,250,000 pounds for animals other than cattle, or 1,600,000 or more pounds but less than 4,000,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 1,250,000 or more pounds for animals other than cattle, or 4,000,000 or more pounds for cattle
Anaerobic lagoon	1,250	1,875	2,500
Uncovered earthen manure storage basin	1,250	1,875	2,500
Uncovered formed manure storage structure	1,250	1,500	2,000
Covered earthen manure storage basin	1,000	1,250	1,875
Covered formed manure storage structure	1,000	1,250	1,875
Confinement building	1,000	1,250	1,875
Egg washwater storage structure	750	1,000	1,500

3. a. Except as provided in [sections 459.203, 459.205, and 459.206](#), [this subsection](#) applies to confinement feeding operation structures constructed on or after May 31, 1995, but prior to March 1, 2003; to the expansion of structures constructed on or after May 31, 1995, but prior to March 1, 2003; and to the expansion of structures constructed prior to May 31, 1995.

b. The following table represents the minimum separation distance in feet required between a confinement feeding operation structure and a public use area; or between a confinement feeding operation structure and a residence not owned by the owner of the confinement feeding operation, a commercial enterprise, a bona fide religious institution, or an educational institution, if the residence, commercial enterprise, religious institution, or educational institution is located within the corporate limits of a city:

Type of structure	Minimum separation distance in feet for operations having an animal weight capacity of less than 625,000 pounds for animals other than cattle, or less than 1,600,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 625,000 or more pounds but less than 1,250,000 pounds for animals other than cattle, or 1,600,000 or more pounds but less than 4,000,000 pounds for cattle	Minimum separation distance in feet for operations having an animal weight capacity of 1,250,000 or more pounds for animals other than cattle, or 4,000,000 or more pounds for cattle
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Confinement feeding operation structure                      1,250    1,875    2,500

4. a. Except as provided in [subsection 5](#) and [sections 459.203, 459.205, and 459.206](#), [this subsection](#) applies to confinement feeding operation structures constructed on or after March 1, 2003, and to the expansion of confinement feeding operation structures constructed on or after March 1, 2003.

b. The following table represents the minimum separation distance in feet required between a confinement feeding operation structure and a residence not owned by the owner of the confinement feeding operation, a commercial enterprise, a bona fide religious institution, or an educational institution:

Type of structure	For a confinement feeding operation having an animal unit capacity of less than 1,000 animal units	For a confinement feeding operation having an animal unit capacity of 1,000 or more but less than 3,000 animal units	For a confinement feeding operation having an animal unit capacity of 3,000 or more animal units
Anaerobic lagoon	1,875	2,500	3,000
Uncovered earthen manure storage basin	1,875	2,500	3,000
Uncovered formed manure storage structure	1,500	2,000	2,500
Covered earthen manure storage basin	1,250	1,875	2,375
Covered formed manure storage structure	1,250	1,875	2,375
Confinement building	1,250	1,875	2,375
Egg washwater storage structure	1,000	1,500	2,000

5. a. Except as provided in [sections 459.203, 459.205, and 459.206](#), [this subsection](#) applies to confinement feeding operation structures constructed on or after March 1, 2003, and to the expansion of confinement feeding operation structures constructed on or after March 1, 2003.

b. The following table represents the minimum separation distance in feet required between a confinement feeding operation structure and a public use area; or between a confinement feeding operation structure and a residence not owned by the owner of the confinement feeding operation, a commercial enterprise, a bona fide religious institution, or an educational institution, if the residence, commercial enterprise, religious institution, or educational institution is located within the corporate limits of a city:

Type of structure	For a confinement feeding operation having an animal unit capacity of less than 1,000 animal units	For a confinement feeding operation having an animal unit capacity of 1,000 or more but less than 3,000 animal units	For a confinement feeding operation having an animal unit capacity of 3,000 or more animal units
Confinement feeding operation structure	1,875	2,500	3,000

6. Except as provided in [section 459.205](#), a confinement feeding operation structure shall not be constructed or expanded within one hundred feet from a public thoroughfare.

[95 Acts, ch 195, §16](#)

[CS95, §455B.162](#)

[98 Acts, ch 1209, §15 – 17, 53; 99 Acts, ch 114, §58, 59; 2002 Acts, ch 1137, §11 – 17, 67, 68, 71; 2002 Acts, 2nd Ex, ch 1003, §260, 262](#)

[C2003, §459.202](#)

[2013 Acts, ch 30, §104 – 108; 2021 Acts, ch 76, §117, 118](#)

[Referred to in §459.203, 459.205, 459.207, 459.303, 459.304, 459.305, 654C.1](#)

For separation distance requirements established between an anaerobic lagoon or earthen waste slurry storage basin constructed or expanded within certain dates prior to May 31, 1995, and a residence not owned by the owner of the feeding operation, see [§455B.134](#)

For prohibition against constructing or expanding an earthen storage structure within an agricultural drainage well area, see [§460.205](#)