

TABLE 6d
Required Separation Distances for Confinement Feeding Operations Constructed
prior to January 1, 1999—Beef and Dairy Cattle

DISTANCES TO BUILDINGS AND PUBLIC USE AREAS¹

Type of Structure	Animal Unit (AU) Capacity and Animal Weight Capacity	Residences, Businesses, Churches, Schools		Public Use Areas
		Unincorporated Areas	Incorporated Areas	
Anaerobic lagoons and uncovered earthen manure storage basins	500 AU or less	1,250 feet	1,250 feet	1,250 feet
	>500 AU to <1,600,000 lbs	1,250 feet	1,250 feet	1,250 feet
	1,600,000 lbs to <4,000,000 lbs	1,875 feet	1,875 feet	1,875 feet
	4,000,000 lbs or more	2,500 feet	2,500 feet	2,500 feet
Covered earthen manure storage basins	500 AU or less	750 feet	1,250 feet	1,250 feet
	>500 AU to <1,600,000 lbs	750 feet	1,250 feet	1,250 feet
	1,600,000 lbs to <4,000,000 lbs	1,000 feet	1,875 feet	1,875 feet
	4,000,000 lbs or more	1,500 feet	2,500 feet	2,500 feet
Uncovered formed manure storage structures	500 AU or less	None	None	None
	>500 AU to <1,600,000 lbs	1,000 feet	1,250 feet	1,250 feet
	1,600,000 lbs to <4,000,000 lbs	1,500 feet	1,875 feet	1,875 feet
	4,000,000 lbs or more	2,000 feet	2,500 feet	2,500 feet
Confinement buildings and covered formed manure storage structures	500 AU or less	None	None	None
	>500 AU to <1,600,000 lbs	750 feet	1,250 feet	1,250 feet
	1,600,000 lbs to <4,000,000 lbs	1,000 feet	1,875 feet	1,875 feet
	4,000,000 lbs or more	1,500 feet	2,500 feet	2,500 feet

DISTANCES TO WATER WELLS

Type of Structure	Public Well		Private Well	
	Shallow	Deep	Shallow	Deep
Unformed manure storage structure and egg washwater storage structure	1,000 feet	400 feet	400 feet	400 feet
Formed manure storage structure and confinement building	200 feet	100 feet	200 feet	100 feet

OTHER DISTANCES FOR CONFINEMENT FEEDING OPERATION STRUCTURES
regardless of animal unit capacity

Surface intake of an agricultural drainage well or water source other than major (Excluding farm ponds, privately owned lakes or when a secondary containment barrier is provided)	500 feet
Wellhead or cistern of agricultural drainage well, known sinkhole or major water source (Excluding farm ponds, privately owned lakes or when a secondary containment barrier is provided)	1,000 feet
Designated wetlands pursuant to subrule 65.106(4) and Iowa Code section 459.310	2,500 feet
Right-of-way of a thoroughfare maintained by a political subdivision (Exemptions provided in subrule 65.107(2))	100 feet

¹See rule 567—65.107 (459,459B) for exemptions available from the above distances.