

**Appendix C Separation Distance Requirements for Certain New Developments in the Agricultural Areas as Delineated on the Linn County Rural Land Use Map**

<b>SEPARATION DISTANCE REQUIREMENTS FOR CERTAIN NEW DEVELOPMENTS IN THE AGRICULTURAL AREAS AS DELINEATED ON THE LINN COUNTY LAND USE MAP</b>			
<b>From Beef and Dairy Cattle IDNR Permitted Feeding Operations</b>			
<b>Type of Structure</b>	<b>Size of Operation Animal Weight Capacity</b>	<b>Residences, Religious Institutions, Educational Institutions</b>	<b>Notes</b>
Anaerobic lagoons and uncovered earthen manure storage basins	<400,000 lb.	1,250 feet	1. These distance separation requirements are chiefly based upon Chapter 65 of the Iowa Administrative Rules (March 2000) for distance separation requirements for Animal Feeding Operations for incorporated areas. 2. The purpose of applying these distance separations is to ensure that existing animal confinement operations are not negatively impacted and to address the incompatibility and health issues of non-agricultural development in proximity to animal feeding operations. 3. These distance separation requirements do not apply to pre-existing residential structures already located within the proposed development area or for legal lots of record. 4. Distance separations will be calculated based on the nearest points of the edge of the proposed development area and the lagoon, manure storage facility or confinement building etc. 5. These distance requirements do not apply to animal feeding operation structures which store manure exclusively in a dry form. For example, many poultry operations produce dry manure.
	400,000 lb. to <1,600,000 lb.	1,250 feet	
	1,600,000 lb. to <4,000,000 lb.	1,875 feet	
	4,000,000 lb. or more	2,500 feet	
Covered earthen manure storage basins	<400,000 lb.	1,250 feet	
	400,000 lb. to 1,600,000 lb.	1,250 feet	
	1,600,000 lb. to < 4,00,000 lb.	1,875 feet	
	4,000,000 lb. or more	2,500 feet	
Uncovered formed manure storage structures	<400,000 lb.	1,250 feet	
	400,000 lb. to <1,600,000 lb.	1,250 feet	
	1,600,000 lb. to < 4,000,000 lb.	1,875 feet	
	4,000,000 lb. or more	2,500 feet	
Confinement buildings, covered formed manure storage structures, and egg washwater storage structures	<400,000 lb.	1,250 feet	
	400,000 lb. to <1,600,000 lb.	1,250 feet	
	1,600,000 lb. to < 4,000,000 lb.	1,875 feet	
	4,000,000 lb. or more	2,500 feet	



Type of Structure	Private Shallow Wells	Private Deep Wells	Public Shallow Wells	Public Deep Wells
Anaerobic lagoon, aerobic structure, earthen manure storage basins, egg washwater storage structure or run-off control basin	400 feet	400 feet	1,000 feet	400 feet
Confinement building, formed manure storage structure, feedlots solids settling facility, or open feedlot	200 feet	100 feet	200 feet	100 feet



SEPARATION DISTANCE REQUIREMENTS FOR CERTAIN NEW DEVELOPMENTS IN THE AGRICULTURAL AREAS AS DELINEATED ON THE LINN COUNTY LAND USE MAP			
From Swine, Sheep, Horses, and Poultry IDNR Permitted Feeding Operations			
Type of Structure	Size of Operation Animal Weight Capacity	Residences, Religious Institutions, Educational Institutions	Notes
Anaerobic lagoons and uncovered earthen manure storage basins	<200,000 lb.	1,250 feet	<p>1. These distance separation requirements are chiefly based upon Chapter 65 of the Iowa Administrative Rules (March 2000) for distance separation requirements for Animal Feeding Operations for incorporated areas.</p> <p>2. The purpose of applying these distance separations is to ensure that existing animal confinement operations are not negatively impacted and to address the incompatibility and health issues of non-agricultural development in proximity to animal feeding operations.</p> <p>3. These distance separation requirements do not apply to pre-existing residential structures already located within the proposed development area or for legal lots of record.</p> <p>4. Distance separations will be calculated based on the nearest points of the edge of the proposed development area and the lagoon, manure storage facility or confinement building etc.</p> <p>5. These distance requirements do not apply to animal feeding operation structures which store manure exclusively in a dry form. For example, many poultry operations produce dry manure.</p>
	200,000 lb. to <625,000 lb.	1,250 feet	
	625,000 lb. to <1,250,000 lb.	1,875 feet	
	1,250,000 lb. or more	2,500 feet	
Covered earthen manure storage basins	<200,000 lb.	1,250 feet	
	200,000 lb. to <625,000 lb.	1,250 feet	
	625,000 lb. to <1,250,000 lb.	1,875 feet	
	1,250,000 lb. or more	2,500 feet	
Uncovered formed manure storage structures	<200,000 lb.	1,250 feet	
	200,000 lb. to <625,000 lb.	1,250 feet	
	625,000 lb. to <1,250,000 lb.	1,875 feet	
	1,250,000 lb. or more	2,500 feet	
Confinement buildings and covered formed manure storage structures	<200,000 lb.	1,250 feet	
	200,000 lb. to <625,000 lb.	1,250 feet	
	625,000 lb. to <1,250,000 lb.	1,875 feet	
	1,250,000 lb. or more	2,500 feet	
Egg washwater storage structures	<200,000 lb.	750 feet	
	200,000 lb. to <625,000 lb.	750 feet	
	625,000 lb. to <1,250,000 lb.	1,000 feet	
	1,250,000 lb. or more	1,500 feet	



Type of Structure	Private Shallow Wells	Private Deep Wells	Public Shallow Wells	Public Deep Wells
Anaerobic lagoon, aerobic structure, earthen manure storage basins, egg washwater storage structure or run-off control basin	400 feet	400 feet	1,000 feet	400 feet
Confinement building, formed manure storage structure, open feedlots solids settling facility, and open feedlot	200 feet	100 feet	200 feet	100 feet

