

**TABLE 7A**

**Minimum Required Separation Distances for Construction of a New Animal Truck Wash Effluent Storage Structure Constructed on or after July 1, 2015**

<b>DISTANCES TO BUILDINGS AND PUBLIC USE AREAS<sup>1</sup></b>		
Type of Structure	Size of Operation	Residences, Businesses, Churches, Schools or Public Use Area
Formed or Unformed Effluent Storage Structure	Small Animal Truck Wash	0 feet
	Permitted Size	1,250 feet

<b>DISTANCES TO WATER WELLS</b>				
Applies to all Animal Truck Wash Effluent Storage Structures Including Small Animal Truck Wash Size	Public Well		Private Well	
	Shallow	Deep	Shallow	Deep
Unformed Effluent Storage Structure	1,000 feet	400 feet	400 feet	400 feet
Formed Effluent Storage Structure	200 feet	100 feet	200 feet	100 feet

<b>OTHER DISTANCES</b>	
Applies to all Animal Truck Wash Effluent Storage Structures Including Small Animal Truck Wash Size Unless noted otherwise	
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 65.302(2)"b") Does not apply to Small Animal Truck Washes	100 feet

<b>REQUIRED SEPARATION DISTANCES FOR STOCKPILE OF SOLIDS FROM ANIMAL TRUCK WASH</b>	
Designated area other than a high-quality water resource	400 feet <sup>1</sup>
High-quality water resource	800 feet <sup>2</sup>
Terrace tile inlet or surface tile inlet or known sinkhole unless methods, structures or practices are implemented to contain the stockpile	200 feet
<p>Manure stockpiles are prohibited on grassed waterways or where water ponds or has concentrated flow. Stockpiles are also prohibited on land with slopes greater than 3% unless methods, structures or practices are implemented to contain the stockpile.</p> <p>1) Designated areas include a known sink hole, abandoned well, unplugged agricultural drainage well, ag drainage well cistern, ag drainage well surface tile inlet, drinking water well, designated wetland or water source. It does not include a terrace tile inlet or surface tile inlet.</p> <p>2) High Quality Water Resources are listed on the DNR website.</p>	

<b>REQUIRED SEPARATION DISTANCES FOR EFFLUENT APPLICATION FROM AN ANIMAL TRUCK WASH FACILITY</b>	
Applies to permitted Truck Wash Facilities Only not associated with a Small Animal Feeding Operation	
	Residence
Surface Application	750 feet
Injected or incorporated on the same date of application or written waiver.	0 feet