

TABLE 7A

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

| DISTANCES TO BUILDINGS AND PUBLIC USE AREAS¹ | | |
|--|-------------------------|--|
| 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 |

| DISTANCES TO WATER WELLS | | | | |
|---|-------------|----------|--------------|----------|
| 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 |

| OTHER DISTANCES | |
|---|------------|
| 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 |

| REQUIRED SEPARATION DISTANCES FOR STOCKPILE OF SOLIDS FROM ANIMAL TRUCK WASH | |
|--|-----------------------|
| Designated area other than a high-quality water resource | 400 feet ¹ |
| High-quality water resource | 800 feet ² |
| 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> | |

| REQUIRED SEPARATION DISTANCES FOR EFFLUENT APPLICATION FROM AN ANIMAL TRUCK WASH FACILITY | |
|--|-----------|
| 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 |