**Section 604.150 Protection of Community Water Supply Structures**

a) Each community water supply must protect its wells, clear water reservoirs, suction lines, gravity filters, iron removal, chlorine reaction and wet salt storage basins from sources of contamination by maintaining the following minimum distances:

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| **Source of Contamination**  | **Distance for Clay or Loam Soils** | **Distances for Soils with Higher Permeability than Clay or Loam**  |
| Cesspools, leaching sewage disposal pits | 150' | 300' |
| Privies | 150' | 300' |
| Septic tanks and subsurface septic tanks effluent disposal tile | 75' | 150' |
| Livestock, grazing areas or feedlots | 50' | 100' |
| Sewers (non-watertight) | 50' | 50' |
| Sewers (cast iron pipe, with leaded or mechanical joints) | 25' | 25' |
| Sewers (extra-heavy cast iron pipe, asbestos-cement pressure pipe, prestressed concrete pipe, or PVC (polyvinyl chloride) pipe meeting water main standards, with pressure tested, leaded, mechanical or slip-on joints  | 10' | 10' |
| Washwater sumps of reinforced concrete construction | 10' | 10' |
| Flood waters – A horizontal distance must be maintained by natural earth or fill. In addition, wells must meet the requirements of Section 604.240(k). | 15'\* | 15'\* |
| Flood waters – A vertical distance must be maintained to which structure and earth protection must be carried above maximum high water elevation. In addition, wells must meet the requirements of Section 604.240(k). | 2' | 2' |
| Fuel storage tanks above ground | 25'\*\* | 25'\*\* |
| \* The Agency must consider special structural arrangements equivalent to earthen construction for protection of the well when horizontal earth protection is impractical. |
| \*\* unless otherwise approved by the Agency under Section 604.145(b) |

b) Wells must meet the setback requirements of the Act.

c) Fuel storage tanks located at a community water supply facility must be above ground and must have secondary containment.