



MONROE COUNTY HEALTH DEPARTMENT

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Private Water Well Permit Application

The following must be submitted to our office before a permit for a water well will be issued.

- A complete signed application
- Plans or drawing indicating distances to building and property lines, sewer lines, septic tanks and other sources of contamination. Also, note any existing wells located on the property and indicate its current status.
- \$100.00 Permit Fee

Illinois Department of Public Health Water Well Construction Code

Section 920. Table C Minimal Lateral Distances in Feet Between Water Wells, Closed-Loop Wells, and Sources of Contamination

SOURCES OF CONTAMINATION OR EXISTING WATER WELL	MINIMUM LATERAL DISTANCES FOR CLAY AND LOAM SOILS (FEET)	
	WATER WELL	CLOSED LOOP WELL
Cesspool	150	150
Closed Loop Well ¹	200	NA
Water Well ¹	NA	200
Water Well (when the owner of the closed loop well and a water well serving a private water supply is the same) ¹	N/A	75
Leaching Pit	100	100
Pit Privy	75	75
Subsurface Seepage System, Distribution Box, Sand Filter, Waste Stabilization Pond, Effluent Receiving Trench	75	75
Manure Pile	75	75
Septic Tank, Aerobic Treatment Plant, Surface Discharge Effluent Line, Treated Effluent Discharge Point	50	50
Barnyard or Animal Confinement Lot	50	50
Footing Drains (No connection to a sewer or sump handling sewage is allowed.)	10	10 ²
Pump House Floor Drain	2	2 ²

Pit, Crawl Space or Basement	5	5 ²
Lake, Pond or Stream	25	25 ³
Potential Primary Source, Potential Secondary Source, or Potential Route	200	200
Potential Primary Source, Potential Secondary Source, or Potential Route (when the owner of the source or route and a water well serving a private water supply or closed loop well is the same)	75	75
Abandoned Wells	200	200
Sewers (Sanitary or Combined)	50 ⁴	50 ^{4,5}
Storm Sewers	10	10 ⁶

- ¹ A closed loop well utilizing USP food grade propylene glycol may be located to within 25 feet of a water well.
- ² These setbacks do not apply when the closed loop well is installed prior to the construction of the building.
- ³ The 25-foot separation distance from a pond does not apply to a closed loop well when:
- 1) The borehole is grouted the same day that is constructed;
 - 2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and
 - 3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.
- ⁴ A water well or closed loop well may be located to within 10 feet of a sewer provided that the sewer consists of cast iron pipe with watertight mechanical joints or rubber gasket sealed joints that meet ASTM Standard C564-11, SDR 26 PVC pipe or schedule 40 PVC pipe or heavier with solvent welded watertight joints or elastomeric seals (gaskets) used for push-on joints that meet ASTM Standard F477-10.
- ⁵ If the sewer pipe material is unknown, the 50-foot separation distance may be reduced to 25 feet if the following conditions are met:
- 1) The borehole is grouted the same day that it is constructed;
 - 2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and
 - 3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.
- ⁶ The 10-foot separation distance for a storm sewer does not apply to a closed loop well when:
- 1) The borehole is grouted the same day that it is constructed;
 - 2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and
 - 3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.

(Source: Amended at 39 Ill. Reg. 3992, effective March 2, 2015)