



# Boone County Health Department

**Public Health**  
Prevent. Promote. Protect.

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*The mission of the Boone County Health Department is to serve our community by preventing the spread of disease, promoting equitable wellness & protecting the public's health.*

## SELF INSPECTION CHECKLIST FOR WELL HEAD INTEGRITY

Location	Yes	No*
Is the well at least...		
<u>5' from any pits, crawl spaces, and basements?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>10' away from any sewer lines which have watertight joints?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>25' from any ponds, lakes, streams, creeks, or surface waters?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>50' from any septic tanks or aerobic treatment units?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>50' from sewer lines without watertight joints?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>50' from any barnyards?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>75' from any septic leachfields, field lines, or mounds?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>75' from any manure piles?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>200' from any unused, open, or abandoned wells?</u>	<input type="checkbox"/>	<input type="checkbox"/>

### Construction for Drilled Wells

Does the well have...

<u>A casing which extends at least 8" above the ground if not in a pit?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>A watertight cap?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>A vented cap (with properly screened vents)?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>A good, tight cap seal (no loose or missing bolts or broken gaskets)?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>A good seal between the electrical conduit and the well cap?</u>	<input type="checkbox"/>	<input type="checkbox"/>

(some wells may not have an electrical conduit)

### Construction for Driven Wells (also called "Point" or "Sandpoint" wells)

<u>Is the floor sealed around the well?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Are all connections secure?</u>	<input type="checkbox"/>	<input type="checkbox"/>

### Construction for Well Pits (also called "Frost" pits)

<u>Is the pit structurally sound?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Does the pit prevent the entry of water into the pit?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Is the pit free of standing water?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Does the pit have a watertight lid and cover?</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Is the height of the well above the pit floor at least 12"?</u>	<input type="checkbox"/>	<input type="checkbox"/>

### Hand-dug Wells (considered an unsafe water source)

<u>Has the well been properly sealed?</u>	<input type="checkbox"/>	<input type="checkbox"/>
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**\*If there are any marks in the "No" column, consult the Boone County Health Department or an Illinois licensed water well or water well pump installation contractor and correct any construction deficiencies. Well pits which are not in compliance must be properly abandoned. Permits are required for well modifications, well sealings, well drillings, and well deepenings.**



A

**This is a good well head.**



B

**This well cap has a broken o-ring and may have a compromised seal.**



C

**This well cap has been compromised and the well height is less than 8”.**



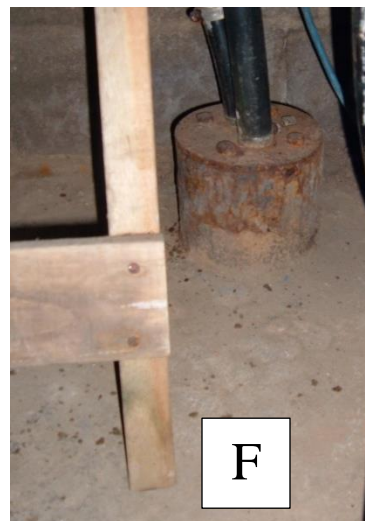
D

**This well pit cover is not structurally sound or watertight.**



E

**This well pit is flooded.**



F

**This pit well is less than 12” high in the pit.**

**According to Code, all of these pits (D-F) need to be abandoned and the wells need to be extended up above grade, have pitless adapters installed, and proper vented caps. Permits required in Boone County for this type of work.**