

Deep Well Installation Process

Tyco Contractor Installing Deep Wells in PWSA in
Town of Peshtigo

Before – Identify and mark well location



Based on input from well owner, according to well drilling code and after utility line check etc

Step 1



Equipment arrives – drilling rig and containment truck



- A. Mud drilling – uses clay and water mixture to remove soil above bedrock
- B. Install and cement steel casing into bedrock, takes 24 hours to dry

Step 2-3



Air-rotary drilling to progress well into bedrock to access deep aquifer (about 500 ft)



Use camera to quality check well and measure depth; confirm geology



Step 4



Installing pump in the well

Step 5 – Connection to the house



Digging trench and installing pipe to connect well to house

Step 6



Pumping out deep well to clear water from deep aquifer

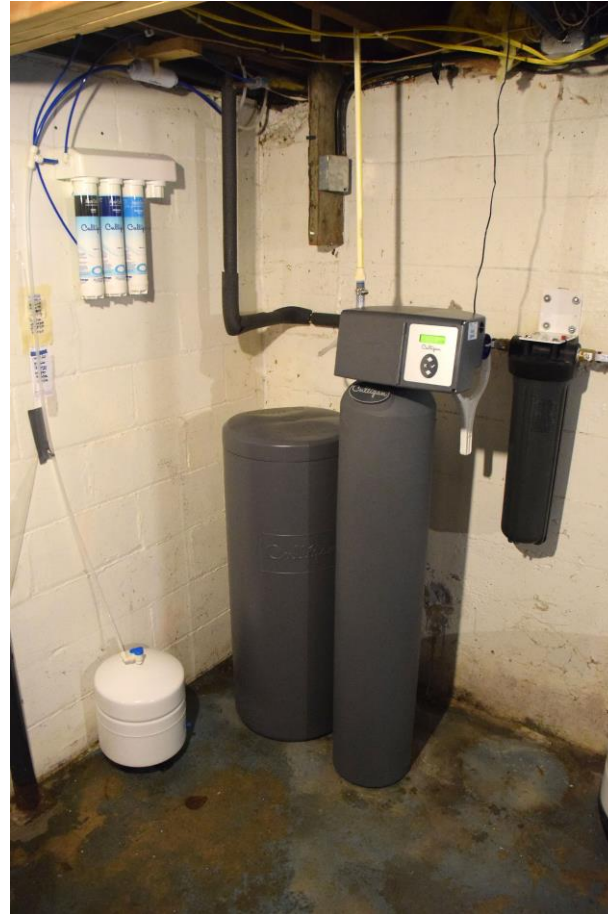


Sample well water before connect to house plumbing

Step 7– Water Treatment Installation



Reverse osmosis system



Water softener and RO



Sample from kitchen sink after water treatment

Deep well installation complete



Installation complete – will add grass seed in spring