Pool-to-Tap Readiness Checklist

Turning a backyard pool into a household water supply · sevade.com

Do these on a calm Saturday and the hard part is finished. Tick each box and write the date you did it, so the next person who picks this up knows where things stand.

TASK	DATE DONE
EQUIPMENT	
☐ Confirm your whole-home filtration system is rated for surface or non-municipal source water, note its maximum inlet chlorine, and make sure the drinking line has RO	_____
☐ Buy a 1½″ HP shallow-well jet pump with a 115/230 V motor and a 40/60 pressure switch	_____
☐ Buy 1¼″ suction hose, foot valve with strainer, 1″ potable discharge hose, check valve, gauge, and spin-down prefilter	_____
PLUMBING AND CODE	
☐ Have a licensed plumber install the pool-water inlet with a ball valve and a tested RPZ backflow assembly, and notify your water utility	_____
POWER — CHOOSE ONE ROUTE	
☐ **Route A:** power station, solar panels, and a generator that can both recharge the station and start the pump on its own	_____
☐ **Route B:** dedicated 20 A (or 240 V) pump circuit on the generator-backed panel, plus a 20-gallon pressure tank	_____
PROVE IT WORKS	
☐ Run the whole system once, pool to tap, and time how long a fill takes	_____
☐ Buy a TDS meter and test strips for free chlorine, cyanuric acid, and pH; test the pool and the RO tap during the trial run	_____
☐ Saltwater pool: add a booster pump on the RO feed and plan to flush the pump and plumbing after use	_____
KEEP IT READY	
☐ Stock chlorine tabs or liquid chlorine and a floating dispenser to keep the pool sanitized by hand during an outage	_____
☐ Store fuel for your route and put a calendar reminder on rotating it	_____
☐ Label the shutoffs, the connections, and the sequence on a laminated card next to the pump	_____

During an outage, remember two things. Everything you drink or cook with comes from the RO tap, never the shower or bathroom sink. And keep 1 to 3 ppm of chlorine in the pool by hand — a neglected pool turns a two-stage filtration job into a four-stage one within a week.

This checklist is general information, not professional advice. Pool water is not a potable source, and treating it for household use carries risks that depend on your pool's chemistry, your equipment, and your local codes. Connecting any auxiliary water source to a home on the public main is a high-hazard cross-connection: it requires a licensed plumber, a tested backflow assembly or air gap, and usually notice to your water utility. Confirm requirements with your local building department before you begin.

Full article: **sevade.com/post/pool-emergency-water-supply**