



RECOMMENDED DISINFECTION PROCEDURE

What You Need

DPD Powder

- **One cup granular swimming pool chlorine for wells 200-400 ft. deep** (Calcium hypochlorite with at least 65% available chlorine)
- **Garden hose**
- **DPD powder packs** (Supplied by Joiner Micro Labs)
- **Sterile sample container** (Supplied by Joiner Micro Labs)

Want
Joiner Micro Labs
 to disinfect your well?

Call
(540) 347-7212

What to Do

1. **Bypass all water treatment.**
Remove sediment filters from housing.
2. **Open well cap.**
3. **Attach garden hose to outside tap.**
Run hose to well and turn water on.
4. **Mix 1 cup granular chlorine with water in large bucket.**
5. **Pour solution down well.**
6. **Get chlorine into the water system.**
Place end of hose into well (to circulate water back into well). Run water from an inside tap until strong odor of chlorine is detected (**may take 20 minutes to 2 hours**, depending on depth of well).
7. **Go to each tap in the house and run water until you smell chlorine at each tap.**
If applicable, run through bypassed water treatment then **return** treatment to bypass mode. Check with manufacturer to make sure Chlorine will not

harm treatment media.

8. **Wash down well casing and well cap, Turn off outside tap. Replace well cap.**
9. **Let chlorine sit in plumbing system undisturbed for 12 to 24 hours**
This gives time for chlorine to destroy any bacteria present.
10. **Flush chlorine from the system, preferably through an outside spigot.**
This *can take several days* of flushing depending on the yield of well. Use your own judgment as to how much water to flush out of the well system at one time.
11. **Test the system for any residual chlorine.**
Once the chlorine smell is gone, use the attached DPD powder packs to determine if chlorine is still in the water system. Tear open pack. Add chemical to 5 mL (≈1 tsp) volume of water. If you **see a pink color within the first minute**, there is detectable chlorine in your water. If there is chlorine, continue to run the water to flush the system. **Test again.**
12. **Collect the water sample.**

Virginia Certification #00183

JOINER MICRO LABS, INC. ♦ 77 F WEST LEE STREET ♦ WARRENTON, VA 20186
TOLL-FREE (800) 776-7924 ♦ PH (540) 347-7212 ♦ FAX (540) 347-1606

Revised 11/04

Once the system is free of any residual chlorine, take
a water sample, as instructed, in the sterile
container and bring to Lab for testing.

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