

WATER ANALYSIS & INFORMATION FORM

RETURN TO: Hydroquest Dealer Services

**114 Vista Parkway, Avon IN 46123
800-272-5511, 317-272-6721
Fax 800-272-3255**

- **For Business and Commercial Applications (see last page)**
- Please complete entire form, including distributor information, for proper sizing of equipment.
- Water analysis is performed on hardness, iron, manganese, TDS, pH, tannin, and for recommending water treatment.
- **IMPORTANT:** Health related contaminants i.e. microbiological (bacteria, cysts), chemical, lead test are not performed. Please consult State-Certified lab for testing health related issues.

Note: New Aqua LLC is not responsible for recommendations based upon inaccurate or incomplete information

Distributor: (must be included) Contact _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Date _____

Dealer: Contact _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Date _____

Customer Name _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Date sample taken _____

Important: In order to provide accurate recommendations for water treatment, it is important to follow the instructions provided on this form for sample taking and pump flow rates.

How To Draw Sample:

Use outlet nearest pump. Run water for 5 minutes, then fill CLEAN bottle to neck and cap immediately. Do not use hot water. Return bottle with this completed form to the address listed above

Date Rec'd _____ Date Tested _____

1. Water Source (please check one)

- City water
 New private Well Approx. age _____ month(s)
 Old private well Approx. age _____ year(s)
 Other- describe _____

2. Household Information

Do you now have a water conditioning equipment?

NO YES: Type _____ Size _____

Model# _____ Brand _____

Single-family Multi-family: # Units _____

Persons _____ #Bathrooms _____

Dishwasher Clothes Washer Lawn irrigation

Geothermal heating/cooling – gpm required _____

Other water using appliances _____

3. Water Problems:

When this water sample was drawn, it was:

Cloudy Colored Clear

Is this sample: Untreated Treated

Problems:

- Hardness
 Iron deposits – If yes, is the iron build-up in flush tanks
 Stringy(iron bacteria) Greasy

Color of water – describe _____

Greenish / bluish stains on sinks, tubs, etc.

Sand (visible particles) Sediment or silt

Bad Taste: Iron Bitter Salty

Other – describe _____

Bad Odor: Rotten Egg Musty Iron

On-Site sulfur test _____ ppm

Other problems – describe _____

Results:

Hardness _____ gpg

Iron _____ ppm

pH _____

TDS _____

Manganese _____ ppm

Tannins _____ ppm*

Notes:

**All field tannin test kits can give varied results including false positives and false negatives due to the wide range of tannin causing compounds (lignin, various organic compounds, etc.) in the water and other mineral interference. The most accurate testing must be done in a certified lab, which those services are available through us. If lab testing is desired, call us for pricing. Therefore, this test is merely a guide to the likelihood of tannin presence and/or content.*

How to Measure Pumping Rate of Pump:

1. Make certain no water is being used. Open a spigot nearest pressure tank. When pump starts, close spigot and time, in seconds how long it takes to refill the pressure tank. This is the pump cycle time.
2. Using a container of known volume, draw water and measure volume in gallons until the pump starts again. This is the amount of "Draw down". Divide the number of gallons by the pump cycle time from step 1 and multiply the result by 60, this will give you the pump flow rate in gallons per minute(gpm)

$$\frac{\text{Draw-down (gals)}}{\text{Cycle Time (seconds)}} \times 60 = \text{gpm}$$

Example: Cycle time is 40 seconds; draw-down is 6 gals; then, pumping rate equals: 6 gals ÷ 40 seconds x 60 = 9 gpm

Business / Commercial Water Analysis Information:

Note: For Business or Commercial Applications, complete Section 3 (Water Problems), Customer, Dealer and Distributor Information on the front side of this form. Do not complete Sections 1 and 2 of front side. Please complete the following information. Additional information may be required based on application.

1. Water Source:

Municipal Private Well Lake Pond
 Community Water System Other _____

2. Water Usage:

Usage _____ gals. Per: Month Week Day
Water is used _____ Hours/Day and _____ Days/Week
Any planed system expansion in the future? Yes No

3. Water Systems:

Pump Type:
 Submersible Jet Other _____
Pumping Rate _____ gpm
Pipe sizes: Well to pressure tank _____ in. Service Line _____ in.
Pressure Tank: Bladder Air/Water _____ Cap. _____ gal.
Operating Pressures: (Low/High) _____ / _____ psi
Type of Pipe: Plastic Copper Other: _____

4. Equipment:

New Installation Replacement of _____
 Addition to existing _____
Type of equipment desired:
 Softener Filter Other _____
 Recommendation by factory requested
 Meter(s) regeneration or Time Clock regeneration
Available space: Length _____ x Width _____ x Height _____
Door Size _____
Treating: Hot Water Only OR Hot and Cold Water

5. Applications:

Apartment Building: No. Apartments _____
Laundry facilities: Central Individual None
Number of washers _____ Capacity (in lbs.) _____
 Beauty Salon, Barber Shop: No. Stations _____
 Car Wash: Automatic Wand Type No. Bays
gpm Required _____
 Church: Maximum Daily Attendance _____
 County Club: No. Members _____ No. Showers _____
 Factory (No Process Water): No. Employees _____
 Factory (Including Process Water): No. Employees _____
Gals per day usage of process water _____
 Farm: Cattle/dairy Cattle/beef Hogs
 Horses Sheep Chickens
 Turkeys Ducks _____ No. Head _____
 Hotel: No. Rooms _____ Restaurant _____ Laundry _____
 Hospital: No. Beds _____ Cafeteria _____ Laundry _____
 Rest Home: No. Beds _____ Laundry _____
 Laundry: Coin Operated Commercial
No. Washers _____ Capacity (in lbs.) _____
 Office Building: No. Employees _____
 Restaurant: Seating Cap. _____
Type: Luxury Family Cafeteria Fast Food
 School: Elementary Middle High School
No. of students _____ No. of showers _____
 Steam Boiler: Condensate return, make-up
 No condensate return No. Horsepower _____
 University: Dormitory No. of students _____
 Irrigation: No. Zones _____ gpm/Zone _____
 Other: _____

Hydroquest/ Dealer Services

114 Vista Parkway, Avon IN 46123

800-272-5511, 317-272-6721

Fax 800-272-3255

--	--