



# Water Purification Equipment Request Questionnaire

Date: \_\_\_\_\_ Name: \_\_\_\_\_  
Company: \_\_\_\_\_ Location: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

Instructions: Please fill out the form as complete as possible. With more information the proper purification technologies can be selected to fit your needs. When filling in analysis readings please include test methods.

## WATER SOURCE (Check all that apply)

### Source Type:

|                      |                          |                |                          |                      |                          |
|----------------------|--------------------------|----------------|--------------------------|----------------------|--------------------------|
| Surface              | <input type="checkbox"/> | Well           | <input type="checkbox"/> | Open Intake Seawater | <input type="checkbox"/> |
| Beach Well Seawater  | <input type="checkbox"/> | Re-circulated  | <input type="checkbox"/> | Process Water        | <input type="checkbox"/> |
| Municipal Wastewater | <input type="checkbox"/> | Brackish Water | <input type="checkbox"/> | Freshwater           | <input type="checkbox"/> |

Temperature: \_\_\_\_\_ F or \_\_\_\_\_ C      pH: \_\_\_\_\_      Conductivity: \_\_\_\_\_  
TDS (total dissolved solids): \_\_\_\_\_      Turbidity (NTU): \_\_\_\_\_  
TOC (total organic carbon): \_\_\_\_\_      Silt Density Index (SDI): \_\_\_\_\_  
Total Hardness: \_\_\_\_\_      Free Chlorine: \_\_\_\_\_

### Source Water Analysis (mg/L as ion or ppm as CaCO<sub>3</sub> or meq/L):

|                               |       |                            |       |                  |       |                               |       |                  |       |
|-------------------------------|-------|----------------------------|-------|------------------|-------|-------------------------------|-------|------------------|-------|
| NH <sub>4</sub> <sup>+</sup>  | _____ | CO <sub>2</sub>            | _____ | K <sup>+</sup>   | _____ | CO <sub>3</sub> <sup>2-</sup> | _____ | NA <sup>+</sup>  | _____ |
| HCO <sub>3</sub> <sup>-</sup> | _____ | Mg <sup>2+</sup>           | _____ | NO <sub>3</sub>  | _____ | Ca <sup>2+</sup>              | _____ | Cl <sup>-</sup>  | _____ |
| Ba <sup>2+</sup>              | _____ | F <sup>-</sup>             | _____ | Sr <sup>2+</sup> | _____ | SO <sub>4</sub> <sup>2-</sup> | _____ | Fe <sup>2+</sup> | _____ |
| PO <sub>4</sub> <sup>2-</sup> | _____ | Fe <sub>(tot)</sub>        | _____ | S <sup>2-</sup>  | _____ | Mn <sup>2+</sup>              | _____ | Boron            | _____ |
| SiO <sub>2</sub> (colloidal)  | _____ | SiO <sub>2</sub> (soluble) | _____ | Al <sup>3+</sup> | _____ |                               |       |                  |       |

Other Contaminants: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Additional remarks (odors, color, biological activity, etc.): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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## PROJECT INFORMATION

Environment (weather, seasonal temperatures, humidity, jungle, costal, etc.):

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Can we get pictures of the site?    Yes                       No

Objective (Drinking Water, Process Water, etc.):

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Platform:

Fixed Facilities                       Mobile                       Trailer Mounted                       Skid Mounted

Power Requirements:

Powered by:    Solar (PV)                       Grid                       Both                       Generator                       Phases: \_\_\_\_\_                      Voltage: \_\_\_\_\_

Size and weight limitations (height, width, length):

Required Production:

Minimum: \_\_\_\_\_    Ideal: \_\_\_\_\_    GPM                       LPM                       GPH                       LPH                       GPD                       LPD   
Gallons per minute    Liters per minute    Gallons per hour    Liters per hour    Gallons per day    Liters per day

Required water quality (Specify standard, or list specific target criteria):

Other requirements (List any information pertinent to the project):

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