



Sustainable Water Treatment Technology

Company/Location/Address: _____

Contact Name & Phone: _____

Makeup Water Quality Information:

Total Hardness, ppm	_____	Potable or Well?	_____
Conductivity, uS	_____	Water cost, \$/hcf	_____
Water Agency Name	_____	Sewer cost., \$/hcf	_____
Sewer Agency Name	_____	Annual Makeup, hcf/year	_____
Water Pressure at Tower	_____	Annual Bowdown, hcf/year	_____

Cooling Tower, Evaporative Condenser and/or Chiller System Information:

Cooling Tower, Fluid Cooler or Evaporative Condenser?	_____
Cooling Tower Total Tonnage Capacity	_____
Peak Load, tonnage or percent	_____
Average Load, tonnage or percent	_____
Chiller Total Tonnage (leave blank if none)	_____
Days / Year & Hours / Day of Operation	_____
Makeup Water System (float valve or electronic fill)	_____
System Metallurgy (mild steel, copper, galvanized, stainless)	_____

Current Water Treatment Program Approach:

Tower Concentrations (COC) or Blowdown Control Set Point	_____
Soft Water or Blended Soft Water Program?	_____
Water Treatment Program Cost, Yearly or Monthly	_____
Scale & Corrosion Inhibitors Used?	_____
Biocides Used?	_____
Acid / pH Control?	_____
Historical Results? (excellent, good, fair or poor)	_____

Potential Issues or Problem History: (Check any applicable issues)

- Limitations or restrictions on supply of water.
- Limitations or restrictions for wastewater discharge.
- Need to conserve water for other uses or growth requirements.
- Significant source water and /or discharge usage costs.
- Water quality issues from high hardness, chloride, silica.
- Need to use recovered wastewater sources in cooling application.
- Corrosion issues with cooling water system metals.
- Scale formations and heat transfer efficiency losses.
- Biological fouling or pathogen control issues.
- Undesirable chemical use, handling or storage.