COMMERCIAL WATER TREATMENT STRATEGIES

Considerations:

1. The quality of your water source
2. Intended water use such as cooling, washing, drinking or showers
3. Wastewater discharge options
4. Federal, State or Local water and wastewater regulations
5. Total water usage, usage pattern and storage capabilities
6. Your available budget
7. How much room is available in the facility housing the treatment system

Typical Solutions:

1. For machinery cooling water, with an encased well and a high quality water source:
    a) Water softener to eliminate minerals
    b) Pressure tanks for distribution to the points of use
2. For vegetable, fruit or meat packing washdown, bottle washing, an encased well or surface water:
    a) Bio-Dynamic tablet feeder with Bio-Sanitizer disinfecting tablets
    b) Non-pressurized storage tanks with level controls
    c) booster pump with backup pumps
    d) Pressure tanks for distribution to the points of use
    e) Bio-Dynamic tablet feeder with Bio-Max dechlorination tablets for dechlorination of outfall
3. For potable water or showers, using surface water or a well:
    a) Bio-Dynamic tablet feeder with Bio-Sanitizer disinfecting tablets
    b) Non-pressurized storage tanks with level controls
    c) Booster pumps
    d) Water softener to remove minerals
    e) Carbon filter to remove odors
    f) Pressure tanks for distribution to the points of use
    g) Bio-Dynamic tablet feeder with Bio-Max dechlorination tablets for outfall (if required)

All Bio-Dynamic feeders meet NSF International Standard 61 listing requirements for potable water disinfecting devices. Bio-Sanitizer disinfecting tablets are listed under NSF Standard 60 for potable water disinfection.