



Sustainable Water Treatment, LLC

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Do I need water treatment at my facility?

Yes! You need water treatment service if you have a cooling tower, chilled loop, hot loop, process loop, air washer, steam boiler or hot water boiler. A water treatment program will easily pay for itself by increasing efficiency, saving water, reducing maintenance, and minimizing costly repairs and downtime.

What is the purpose of testing my cooling tower and closed loops?

We believe monthly testing of cooling tower water is a good interval to gauge the status of the water treatment program with the goal to prevent scale, corrosion, and microbiological growth. Monthly water testing allows us to notify you of excessive water loss due to leaks and overflow in the cooling tower and ensure chemical levels are correct.

It is recommended to test hot and chilled closed loops 2-4 times per year. The testing ensures proper corrosion inhibitor is maintained in the loop to prevent corrosion.

What if I've never had water treatment before?

It is time to start! If systems are left untreated, scale and corrosion problems will persist and even get worse. Lack of treatment in a closed loop can cause clogged coils and heat exchangers which will drastically decrease efficiency.

Why do I have a cooling tower and closed loops?

Large facilities such as commercial office buildings, manufacturing facilities, hospitals and schools use cooling towers and closed loops for their HVAC systems because it is more energy efficient than air cooled systems once you are over a certain tonnage. Manufacturing companies use cooling tower water or closed loop water to cool their process equipment.

Our Environment, Our Priority, Your Peace of Mind

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What if I am not getting the proper heating or cooling from my closed loops?

If closed loops have been neglected, there may be corrosion byproduct clogging coils or heat exchangers. The system should be cleaned to remove the sediment. Filtration should be considered to remove any excess iron or sediment once the cleaning is finished. Always add a corrosion inhibitor to the loop after the cleaning process is complete.

Do I need a service agreement if I only have chilled, and hot water closed loops?

Yes! If closed loop water is not maintained, iron sediment and/or biofilm can foul your heat exchange surface and clog coils. Depending on city water quality, a leak in the closed loop can cause corrosion immediately or years down the road. Routine closed loop testing will promptly notify customers of leaks.

