JC 9465: The Best Algaecide and Biocide on the Market

JENFITCH INC

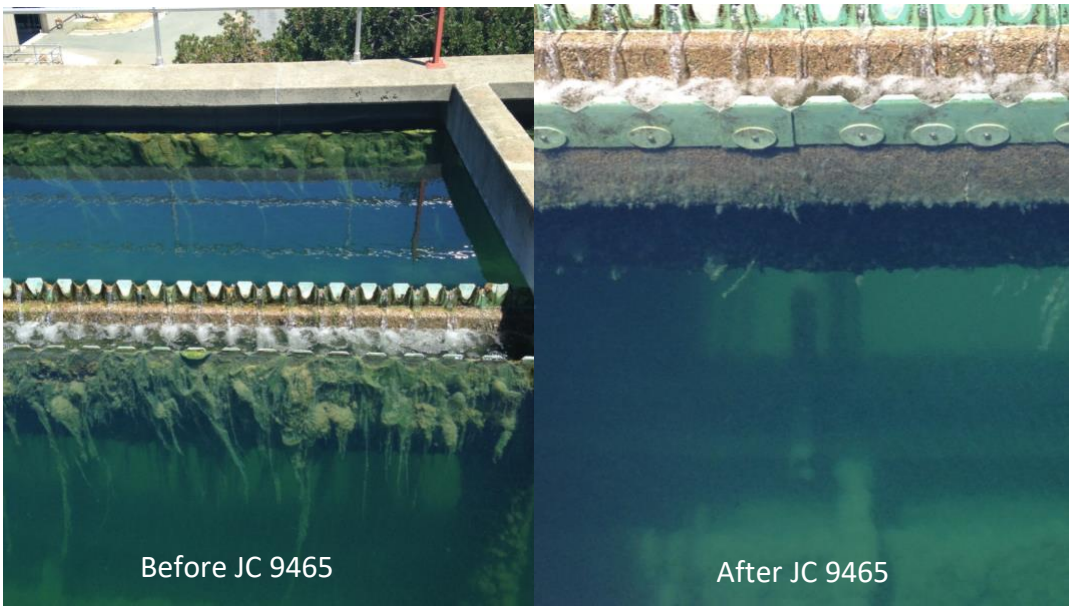
At Jenfitch, we have created an algaecide that is now EPA Registered which has demonstrated it can help improve water quality in countless applications. We have used our product JC 9465 in several applications to confirm its efficacy in these applications. Our studies have shown remarkable results by eliminating algae and biofilm formations.

ORP (Oxidative Reduction Potential) is a very important measurement for killing bacteria and pathogens. The United Nations World Health Organization has stated that for water quality to be safe from all microorganisms, it must have an ORP above +700mV. Chlorine is a common product used to deal with algae and biofilm. The Environmental Protection Agency studies have shown chlorine takes over 30 minutes to achieve a 4-log removal. With JC 9465, when we reach an ORP +700mV, we achieve a 6-log removal in only 10 seconds and remove biofilm while using a significantly lower volume of chemical.

Reagent Name	Electrochemical Voltage (E_v)
JC 9465	2.8-2.9
Ozone	2.07
Chlorine Dioxide	1.57
Hypochlorite	0.94

In a current study that we have been working on, we have discovered amazing results. As you can see below, we took a sample of algae-laden/infested water from a local water plant treatment influent in California. We used JC 9465 to treat this water at 10 ppm which was more than enough for our desired result. Below is a “Before” and “After” treatment with JC 9465.

We are continually looking to help others who have problems with their water quality. At another treatment plant, we encountered another instance of biofilm and algae causing an unwanted buildup in their potable water plant’s clarifiers (Martinez, California). We took samples of their water to run tests and determine the required dosage of JC 9465. Our results impressed the plant operator and we immediately started feeding JC 9465. Below is the visual outcome of using JC 9465 in this municipal water treatment plant.



As you can see, we were able to remove significant quantities of algae and biofilm deposits. This potable water treatment plant saw other significant improvements: improved filtered water turbidity, lower chlorine consumption, lower THM's formation, longer filter run time between backwashing, and lower treatment cost. If you are interested in our new chemical solution, please check out our website or contact us for more information.

Website: https://jenfitch.com
Contact us: https://jenfitch.com/contact