



## **Case Study: Foxmoor Lakes Master Association**

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### **Overview**

I chose to focus on a lake located in a housing community called Foxmoor Lakes Master Association nested in lovely North Fort Myers, Florida. This property has six beautiful lakes, all of which are taken care of by The Lake Doctors. As with any pond or lake in constant observance, they all require monthly maintenance to keep them up to the high standards of the local residents and property owners. However, one pond in particular had been problematic. Being a new account, the residents assured me that it had been an ongoing problem and they weren't happy with the current quality.

### **Objective**

The pond in question is shallow and teardrop shaped with a maximum depth of 6 ft and a steady decline from the shoreline creating an average depth of 4 ft. The pond is also quite small at a modest .42 acres. That equates to roughly 1.68-acre feet. Being in a well-maintained housing community, the grasses are heavily fertilized. This causes an excess of nutrients that inevitably make their way to the lowest point, the pond. These extra nutrients cause nuisance algae blooms that are not only unhealthy for the pond but are also an eyesore for the residents.

### **Solution**

When dealing with any body of water, precautions are taken when using algacides. In small ponds such as this one, I prefer to utilize a biological control and fight nature with nature. For this pond, I chose to deploy an ongoing bacteria treatment and utilized Aquafix's Summer Slam nutrient consuming bacteria. I have found Summer Slam is the perfect choice for ponds in south Florida. With year around warm waters, shallow ponds are a breeding ground for aquatic plants and algae growth. Summer Slam is a blend of 23 essential vitamins and catalyzing enzymes that are extremely active in high temperatures of 78°F and up. After an initial algae treatment to clear the existing filamentous algae, I add one pound of Summer Slam twice a month every 15 days. The bacteria treatment has been successful in consuming excess nutrients and has re-established a balance to the pond. This pond that used to be the most problematic in the community. Now requires little to no monthly maintenance.

### **Results**

I can proudly say the results speak for themselves. With noticeable results after only one month and a new pond within two months, I will continue the bacteria treatment for the ongoing management of this property. The local residence can once again enjoy a clear and healthy pond.





(Above): Beginning of treatment, October 2017

# Foxmoor Lakes Master Association



(Above): One month later, November 2017



(Left): Current photo of the pond, November 2018.