

HAWAII RESORT KOI POND: MOLEAER NANOBUBBLES IMPROVE WATER QUALITY AND CLARITY



Client Case Study: **Westin Hapuna Beach Resort**



The Westin Hapuna Beach Resort on the North Kona Coast in Hawaii has a natural koi pond that creates a serene ambiance for visitors looking to relax and unwind. Just steps away is a restaurant with outdoor seating and pools with lounge chairs for guests to enjoy the beauty of Hawaii.

A special charm of the resort, it was imperative for the Hotel Manager, Marguerite Heap, that the koi pond be clear and odor free so visitors could enjoy themselves. She turned to her lake management company, Wai Kai, Inc., a woman-owned business based in Hawaii that creates and designs fresh and saltwater ponds in residential and commercial environments, owned and operated by Melanie Gross.



injects nanobubbles — 2,500 times smaller than a grain of salt — back into the water. This in turn enriches the water with oxygen and nanobubbles which form mild oxidants for disinfection and aids in restoring aquatic ecosystems sustainably without chemicals.

Nanobubbles provide a chemical-free way to restore lakes and ponds like the Westin's koi pond, helping to naturally reduce muck, algae, foul odors and nutrients from fish, as well as improve water quality and clarity. Healthier water also promotes the health of koi fish and aquatic plants.

“Our goal when working with our clients is to create aquatic environments where plants, fish and animals flourish while protecting and utilizing water efficiently,” states Gross. “Moleaer is helping us achieve all those goals with their Kingfisher nanobubble generator. Customers can now experience the superior benefits and efficacy of nanobubble technology at the same cost as traditional and less effective aeration systems.”

Months after installation, Heap shared her satisfaction with the Kingfisher, “We have been using Moleaer’s nanobubble generator here at the Westin Hapuna Beach Resort since March 2022, and it has been a game changer! We have been absolutely thrilled with the improvements to the health of the plants and fish. After just a short time, the clarity in the pond increased dramatically which has translated into a better experience for our Resort guests, and the fact that it is an all-natural treatment is an added bonus!”



Gross recommended Moleaer’s Kingfisher nanobubble generator, a compact, quiet and cost-effective unit that is easily hidden from resort guests. The Kingfisher takes in air from the environment, compresses it through the generator and

