



June 27th 2011

HydroFLOW USA Case Study - Koolina Beach Hawaii

Location: Koolina, Hawaii.

Scheduled trial period: 30 days - May 2011.

Trial goal: Significantly reduce algae to a minimum in the water fixture at the hotel's main entry.

Note: Even though the water fixture has a filtration system and UV + chemical algae treatments are used; the water remains cloudy and murky.



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**A P160 water conditioner was installed on a 6" PVC pipe,
before the circulation pump and filters**



Before and After Pictures



May 12th 2011



May 16th 2011

The Pond's water started clearing up within a matter of days.

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May 16th 2011



May 23rd 2011

When the maintenance crew walked in the pond, the water didn't become cloudy and murky. This is a clear indication the suspended algae is being killed and significant amounts are being removed from the bottom of the pond.



May 23rd 2011



May 31st 2011

"It seems like the fish are floating in the air" was one of many descriptions mentioned by the hotel's guests.

Summary

Algae reduction: The algae growth reduced by over 90%.

Water clarity: The increased clarity was noticeable within 3 days.

Maintenance: The hotel dialed down the usage of UV lighting and chemical algae treatment to a minimum.

Note: The bottom of the pond still needs to be vacuumed periodically in order to remove the dead algae residuals.

Estimated Return on Investment due to maintenance cost savings: 12 - 18 months.

In order to receive a verbal testimony from the Hotel's maintenance supervisor; please contact our dealer in Hawaii, Nano Tek-On

Contact person: Harald Von Sydow **Phone:** 808.395.2996 **Email:** nanotekhi@hawaii.rr.com

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