



Tamsui district

Background

Tamsui is a small district near Taipei, Taiwan. The place is famous for her underground hot springs. It is also a perfect place for a short retreat from the busy metropolitan Taipei City center because it is only a one-hour drive from the City center.

Property market at Tamsui enjoys a boom this year because a new transit system connecting the metropolitan City center to Tamsui is opened. A number of luxury apartment buildings are developed in this area to attract residence from busy Taipei. Property market price at Tamsui is less than half of those in Taipei. With the new transit system, local residence can commute daily to work in Taipei City without traffic jams.

One of these luxury apartments – **TAIPEI OCEAN HORIZON** was installed with our HydroFLOW units to prevent scaling in pipes and various facilities.



TAIPEI Ocean Horizon – Days & Nights

TAIPEI OCEAN HORIZON is a unique apartment. It has beautiful natural scenery with a 360-degree view of the mountains and Tamsui River. To attract more people to move to Tamsui district, residences of Taipei Ocean Horizon have their private hot springs in their own apartment. There are 4 styles of hot springs at the roof top level and 2 spa pools in the basement as well.

Source of water:

Underground hot spring water with hardness above 400ppm.

Systems to be treated:

- All piping systems
- Hot spring wells
- Submersion pumps
- Spa Pools
- Jacuzzis
- Swimming Pools



Treatment

More than 30 *HydroFLOW* units were installed from November 2017 and the final lots of installation was completed in June 2018 for preventing and reducing limescale in all piping, hot spring wells, submersion pumps, and also controlling bacteria in spa pools, Jacuzzis and swimming pools.



Benefits:

Depending on the location of the site and the well depth, some of the sites need maintenance as often as every month. With the installation of HydroFLOW units, maintenance and regular cleaning frequency are extended because soft scale in the system is washed away with the flow. Bacteria count in swimming pools and Jacuzzis are now within government regulator's limits (<500 cfu). Maintenance cost is reduced - usually by 50% or more - and a pleasant living environment is prevailed.

Hydropath provides 24-hour protection for the system that improve water quality by controlling bacteria and improving filtration. This ensures that heating surfaces remain free of biofouling and maintain their efficiency, and that water and energy wasted due to backwash are minimized.