

HYDROTECH

Product:
Hydrotech Discfilter
Model: 4 x HSF2214-1F

Client: Emaar Properties
Max Flow: 723 l/sec
Completion: 2009

Project: Burj Khalifa, Dubai

The project is for treatment of the water in the artificial lake bordering the Burj Khalifa.

It was awarded to Veolia Water, through its subsidiary Veolia Water Solutions & Technologies (VWS).

Burj Khalifa is part of a gigantic complex totaling 26 million m², which will include residential, commercial, and hotel infrastructure, leisure and entertainment facilities and a 300,000 m³ artificial lake, intended to be one of the most spectacular elements of the complex.

The delivery includes turnkey delivery of the installation for treating the water of the artificial lake and management of the plant for a period of three years. The lake will be fed by previously treated storm water and topped up with fresh-water to offset evaporation.

With a capacity of 62,400 m³/day, houses the specific storm water treatment facility and recycling equipment treating all the water in the lake using VWS technologies: Four ACTIDISK units (Actiflo[®] + Hydrotech[®] Discfilter), an ACTIDYNE reverse osmosis membrane treatment module, and a post-treatment water remineralisation and sludge treatment module.



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WATER

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