

# Industrial Plants

## Water Treatment Plant – Temaiken Thematic Park

### Project

**Client**  
Perez Companc Foundation

**Location**  
Escobar  
Buenos Aires Province,  
Argentina

**Period**  
1999-2002

**Participation**  
Skanska LA: 100%

As a part of the project of construction of the Thematic Park Temaiken, Skanska LA has performed the construction of six fresh and salad water treatment plants.

The main function of the plants is to maintain a particular water quality in several closed circuit systems inhabited by different animal species.

The system is comprised by different independent units, designed and provided with the specific equipment according to the requirements of the habitats of the different species.

A total of six plants, located in three different areas, treat the water that comes from several aquatic spaces.

#### Area 1:

Fresh Water Treatment Plant (capacity 930 m<sup>3</sup>/h)

Main Lake

Munchi's Lake

Patagonia's Lake

Flamingo's and Pelican's Falls

Tiger's Pool

Crocodile's Pool

Turtle's Pool

Oceanic Aquarium Treatment Plant (capacity 1.160 m<sup>3</sup>/h)

Fresh Water Fishes Aquarium Treatment Plant (capacity 360 m<sup>3</sup>/h)

Invertebrates Aquarium Treatment Plant

#### Area 2:

Hippopotamus Treatment Plant (capacity 900 m<sup>3</sup>/h)

#### Area 3:

Penguins Treatment Plant (capacity: 150 m<sup>3</sup>/h)



Each plant has different equipments to treat the water that permits the elimination of solid particles, disinfections, virus inactivation, water discoloration, microorganism control, elimination of toxic compounds and other functions.



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### Contact

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### Main Equipment:

Sand Filters  
Rotative Drum Filters  
Quick Filters  
Active Coal Filters,  
Foam Fractionators  
Ozone Contactors  
Deaerator

### Scope of work:

Basic Engineering  
Detailed Engineering  
Civil Works  
Supply  
Electromechanical erection  
Commissioning  
Start up. □



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