



## SINAI ENVIRONMENTAL SERVICES

Location:	Sharm al Sheikh, Egypt	Capacity:	3,000 M3/D
Engineer:	Hydropro, Inc.	Feed Source:	Red Sea
Market:	Private - Hotel	Feed Quality:	43,000 TDS
Membrane:	Fluid Systems Magnum	Start-Up:	June 1998

**Project Highlights:** Hydropro was chosen by the Sinai Environmental Services group to build a large scale desalination facility to supply World Health Organization Standard potable water to the luxury Ritz-Carlton resort in the southern Sinai.

The single pass system uses the latest in membrane technology, as well as advanced pumping and energy recovery equipment. It is designed to produce a maximum of 6,000 cubic meters (1.58 MGD) of potable water per day. The initial phase of the system, completed in early 1998, provides 2,000 cubic meters per day. An additional expansion, adding 1,000 cubic meters of production per day, was completed in the fall of 1998.

This system, designed by Hydropro and built under our supervision by a local Hydropro affiliate, supplies water not only to the main resort but to several other hotels in the area via pipeline and truck delivery. When built out to its full capacity it will be the second largest desalination facility in the Sinai Peninsula.