

## Privatisation of Abu Dhabi Sewerage Services



### Location

Abu Dhabi, UAE

### Client

Abu Dhabi Water and Electricity Authority

### Project Value

AUD\$1000.0 Million

### Start Date

January 2006

### Completion Date

March 2007

### Office Responsible

Cardno

### Responsibilities

The Abu Dhabi Water and Electricity Authority has selected Cardno as their technical advisor to help privatise the ownership of the sewage treatment plants and the management of their sewerage distribution networks across the emirate of Abu Dhabi.

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### Project Scope

The Abu Dhabi Government currently manages and operates the entire sewerage network for the emirate of Abu Dhabi, including Abu Dhabi Island, Al Ain and the Western Region. Administration of these assets is vested with the Abu Dhabi Water and Electricity Authority (ADWEA). The primary wastewater assets under the control of the Abu Dhabi Sewerage Services Company (ADSSC) are:

- Mafraq WWTW – 340,000m<sup>3</sup>/day with plans for expansion to 640000 m<sup>3</sup>/day
- Zakher WWTW – 85,000 m<sup>3</sup>/day
- 40 km of sewerage pumping mains
- 7 500 km sewerage gravity mains
- 80 km effluent re-use mains
- Wastewater services including the operation of 24 package waste treatment plants

The ADWEA is assisting the ADSSC to privatise these assets. Cardno was appointed as the technical advisor to support this activity. The scope of services comprises of:

1. Documentation of a Privatisation Strategy for the ADSSC encompassing the sewage treatment plants and the sewerage distribution networks in Abu Dhabi and Al Ain.
2. Sale of the Sewage Treatment Plants (Mafraq and Al Ain) encompassing sale of existing assets (singularly or combined) and the

subsequent expansion and operation of the treatment facilities by the new owner(s) for a concession term of 25 years.

3. Outsourcing of the management of the ADSSC Sewerage Networks (ADDC – Abu Dhabi Distribution Company and AADC – Al Ain Distribution Company) encompassing the outsourcing of (i) operation and maintenance (10 years) and (ii) the billing and collection functions of the network, followed by a subsequent privatisation of the ADSSC under a private equity placement.