

PRELIMINARY ENVIRONMENTAL REVIEW (PER) AND PERMIT APPLICATION FOR STRATEGIC WATER STORAGE AND RECOVERY PROJECT IN LIWA, ABU DHABI, UAE



<b>Client</b>	<b>Location</b>
ARABIAN CONSTRUCTION COMPANY (ACC)/ POSCO J	Abu Dhabi, UAE
<b>Executing Agent</b>	<b>Date</b>
ACC	June 2011

**Project Description**

The objective of the proposed project is the infiltration and storage of 5,936 MIG (~27 Mio.m<sup>3</sup>) of desalinated water in a shallow dune sand aquifer located in the Western Region of the Emirate of Abu Dhabi, some 28 km north-west north of Meziyrah and some 21 km west of the motorway Madinat Zayed – Meziyrah and subsequent recovery of the infiltrated desalinated water for emergency supply of Abu Dhabi City. The infiltrated desalinated water shall form a strategic water reserve, to be recovered and used during emergency conditions.

The project therefore entails drilling of wells and other water infrastructure to support its objectives.

The PER process aims at covering all aspects of planned COMPANY construction works and environmental safety by its personnel and various sub-contractors.

**Scope of Work**

- Review of existing environment and baseline conditions based on secondary data and site-walkover
- Preparation of PER
- Preparation of permit application

