

# Port Ghalib City Lagoon and Water Park EIA

## EDSA

### Marsa Alam, Egypt

#### Services

- Characterized baseline conditions of physical, biological, historical, and socioeconomic resources potentially affected by the construction and operation of the proposed lagoon and water park facilities.
- Evaluated the potential impacts to key resources of concern, including land-use, water quality (ground water, seawater, and lagoon water), air quality, noise, marine and terrestrial ecology, public health, economic activity, cultural heritage, and aesthetic value.
- Performed impact analyses with special consideration given to the proposed use of marine mammals (i.e., dolphins).
- Identified mitigation to minimize, avoid, or compensate for predicted adverse impacts.
- Developed a project-specific Environmental Management Plan (EMP) for the construction and operation of the Port Ghalib City Lagoon and Water Park.

#### Project Summary

The proposed project consists of the construction and operation of an artificial and interactive lagoon, water park, and residential area adjacent to the Red Sea within Port Ghalib City, Marsa Alam, Egypt. As part of the permitting process, ATM is preparing an Environmental Impact Assessment (EIA) to characterize existing conditions at the project site, and to evaluate potential impacts to key environmental, socioeconomic, and cultural resources.

The project may utilize directional drilling to establish an offshore intake and discharge. Therefore, the EIA assesses the potential for adverse effect to offshore water quality and nearshore reef ecology. The EIA also takes into account the special consideration of utilizing and interacting with live aquatic organisms, including marine mammals (dolphins), as part of the lagoon park attraction.

