

## Gold Coast Desalination Alliance – Environmental Management



### Client: John Holland Group

E3 Consult was engaged to provide review and approval of Environmental Management Plans (EMPs) for use during construction of the Network Pipeline of the Gold Coast Desalination project. E3 reviewed EMPs to ensure contractor compliance with AS/NZS ISO 14001: 2004 Environmental Management Systems, Queensland environmental legislation and project requirements. E3 also managed the implementation of EMPs for several areas of water pipeline, including micro-tunnelling.

E3 was engaged to manage ongoing environmental issues including acid sulfate soil, dewatering and water quality, noise and vibration, erosion and sediment control, flora and fauna, cultural heritage, and reinstatement works. E3 undertook audits, conducted environmental monitoring, liaised with regulatory agencies, established dewatering controls, and provided advice on noise attenuation methodologies in residential areas. The involvement of E3 staff in this project demonstrates our skill in the following areas:

- Environmental management in construction;
- Environmental and construction monitoring procedure and experience; and
- Knowledge of compliance with local and State environmental legislation, and Australian Standards.

*Environmental Auditing in compliance with AS/NZS ISO 14001: 2004*

*On-site compliance monitoring*