

## Acid Sulfate Soil Assessment Program, Airport Link, Brisbane



*Assessment of environmental risks in a sensitive transport corridor construction project*

### Client: Thiess John Holland/ Airport Link Project

E3 Consult was engaged by Thiess John Holland (TJH) to manage all issues associated with acid sulphate soil encountered as part for the Airport Link Project. The expansive area of construction activities across northern Brisbane were identified as potentially acid sulfate soil affected areas. The project areas posed a number of potential environmental and infrastructure construction risks associated with the transition of soils from an anaerobic state to an aerated environment.

E3 staff completed a sampling program to determine the nature and extent of impacted material. Reporting and assessment works were completed to satisfy regulatory requirements and conditions of consent.

Construction and environmental risks were identified as part of the assessment with practical and effective measures developed to ensure these risks were managed and construction activities would not be hindered. The involvement of E3 staff in this project demonstrates our skills in the following areas:

- Expertise in acid sulfate management strategies for construction;
- Experience in transport corridor and construction site management; and
- Development of effective and practical solutions to manage ASS environmental and construction issues.