

ACID SULFATE SOILS



MARKET SECTORS



Property



Waste Management



Construction



Resource

WHAT CAN EPIC DO?

Epic Environmental offers comprehensive technical skills for the assessment and management of acid sulfate soils (ASS).

Epic has expertise in the identification, characterisation, management and treatment of ASS. We also advise on potential surface water- and groundwater-related acid sulfate effects caused by groundwater flow regime changes, dewatering activities and migration of potential acid leachate generated during site disturbances.

ACID SULFATE SOILS ASSESSMENT

Epic has extensive experience in the investigation and assessment of Acid Sulfate Soils, servicing diverse areas from typical urban development sites through to large scale industrial developments. We also work on dredging and land reclamation programs. Our team has successfully undertaken numerous offshore ASS assessments along with investigations in difficult ground conditions including areas of low-lying swamps and riverbanks.

ACID SULFATE SOILS MANAGEMENT PLANS

Epic has a proven track record in the delivery of regulatory-approved, detailed, site-specific ASSMPs.

We provide successful, cost-effective and technical solutions for the management of ASS and acid sulfate-related impacts.

Our skilled experts can provide the right level of advice to contribute to your project success, ensuring risks can be adequately managed without harm to the environment.

AUDITING

Epic has a team of Exemplar Global-certified audit professionals who are experienced in undertaking third party compliance and environmental performance audits around Australia.

The team is well respected in the industry and known to government regulators responsible for administering the relevant legislation.

Our on-ground environmental management experience ensures that our environmental audits include practical findings for our clients and suggestions for implementation.

OUR EXPERIENCE

Fulton Hogan Sideling Creek Dam Upgrade, Kurwongbah – Development of ASSMP to support civil construction works associated with dam improvement works and spillway upgrade.

CPB Contractors - Moreton Bay Rail Link, Rothwell – ASS investigations and management as part of construction of the Moreton Bay Rail Link.

Georgiou - Telegraph Road Stage 2, Fitzgibbon – Completion of ASS and groundwater assessment and development of ASSMP to manage excavation and dewatering activities.

OUR SERVICES INCLUDE

- ASS investigations
- Surface water and groundwater quality assessment, monitoring and management
- Baseline assessment and monitoring of receiving environments
- Marine pre-dredging sediment assessment
- Land reclamation and management of dredge spoil
- Development and implementation of site-specific acid sulfate soils management plans (ASSMP)
- Third party compliance and environmental performance auditing.