

## EROSION & SEDIMENT CONTROL - DESIGN & IMPLEMENTATION



### MARKET SECTORS



Construction



Defence



Waste Management



Resource



Government

### WHAT CAN EPIC DO?

Epic Environmental are industry leaders in the design and implementation of erosion and sediment control (ESC).

Increasing environmental scrutiny on construction projects has resulted in a requirement for appropriate erosion and sediment control devices.

Our certified erosion and sediment control professionals and experienced construction management personnel work with our clients to develop and implement a pragmatic and 'best practice' approach.



## BEST PRACTICE DESIGN

Poor erosion and sediment control planning can result in off-site environmental harm, financial penalties and additional cost burdens on contractors and proponents.

We work with our clients to achieve adequate environmental protection, address all requirements and minimise cost burdens on implementation for our clients.

Our designers are certified ESC professionals and complete all designs in accordance with the IECA Best Practice Erosion and Sediment Control documents and relevant council requirements. At Epic, we pride ourselves in developing designs that ultimately reduce costs for our clients.

If required by the project, Epic will certify our designs at no additional charge to the client.

## IMPLEMENTATION

ESC plans are only as effective as the standard that they are implemented to. At Epic, we stand by our designs and therefore provide on-going support to our clients to assist with the implementation of our designs.

Generally, we will not charge for such support to clients to ensure the best outcome for the project.

For larger projects where implementation requires greater expertise, Epic can provide site engineers and scientists to work with your construction teams to implement the ESC plans.

Our site engineers and scientists are experienced in construction management and can work with all levels of the construction teams to ensure that the ESC plans are straightforward and practical.

Where required by the client, Epic is also well placed to provide periodic inspections and audits to maintain the integrity of the ESC devices.

## CERTIFIED INSPECTOR CERTIFICATIONS

Many approval conditions will require an erosion and sediment control inspection certificate to be completed.

Epic has the suitably qualified personnel available to undertake these inspections. Epic will verify that the construction is in accordance with the certified designs.

Where issues are identified, Epic will work with the contractor to resolve these issues as quickly as possible to maintain the compliance of the project.



## OUR EXPERIENCE

- **The Jetty Specialist, Moggill Ferry Piling Works** – Prepared an erosion and sediment control plan to satisfy council requirements.
- **Monadelphous Engineering, Cleveland Bay Purification Plant Upgrade** – Prepared an erosion and sediment control plan for the construction phase of the project.
- **The Jetty Specialist, Dutton Park** – Prepared an EMP and ESCP for works involving disturbance of vegetation, minor earthworks, and land-based and marine based piling works, within and adjacent to the Brisbane River and submission to council.