

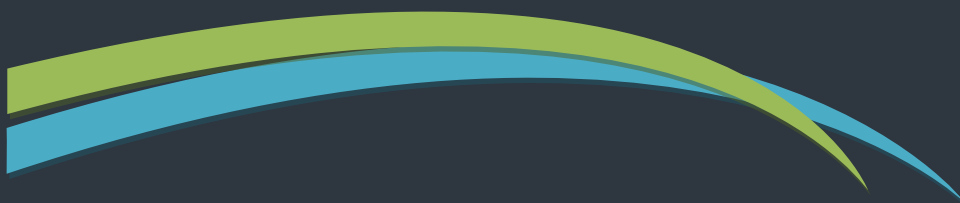


water  
quality  
sediment  
ecology  
dredging  
monitoring  
approvals

## Capability Statement

Applied Scientific and Management  
Services for the Ports Industry

# Ports and Coastal Environmental



# Applied Scientific Services

## SEDIMENT SAMPLING

PROGRAM APPROVAL AND DESIGN

GRAB SAMPLING

VIBRO-CORE SAMPLING

DIVER BASED SAMPLING

COMPLIANCE REPORTING TO THE NATIONAL GUIDELINES

## WATER QUALITY

PHYSICOCHEMICAL SURVEY

DEPLOYED LOGGER (TURBIDITY, LIGHT, DEPOSITION)

CHEMICAL ANALYSIS

HABITAT SURVEY

BENTHIC HABITAT MAPPING AND DISTRIBUTION

HABITAT CONDITION AND HEALTH ASSESSMENTS

IMPACT MONITORING DESIGN

TOLLERANCE THRESHOLDS

REACTIVE MONITORING

## MANAGEMENT

LONGTERM DREDGE MANAGEMENT PLANS

IMPACT ASSESSMENT

DISPOSAL GROUND IDENTIFICATION

SEDIMENT ANALYSIS PLANS

OFFSHORE DISPOSAL PERMITS

DREDGE MATERIAL REUSE



# Monitoring

**analyse trends define conditions  
understand processes minimise impact**

Operation and maintenance of coastal infrastructure such as Ports and harbours requires the support of experienced environmental monitoring specialists. Ports and Coastal Environmental provide scientists experienced in the delivery of applied monitoring services. In addition to our experienced principal consultant, clients also gain access to specialist sub consultants, Universities, and nationally accredited laboratories to ensure a high standard of scientific design, analysis and quality of service. The end result? Practical programs which support you, your projects and the environment.

## Port services

- sediment sampling
- water quality
- dredging approvals and management
- LTDMP's and SAPs
- impact assessment
- marine habitats
- video survey
- data loggers and telemetry
- reactive monitoring
- data management
- compliance reporting
- EMP's
- disposal ground selection

## Management

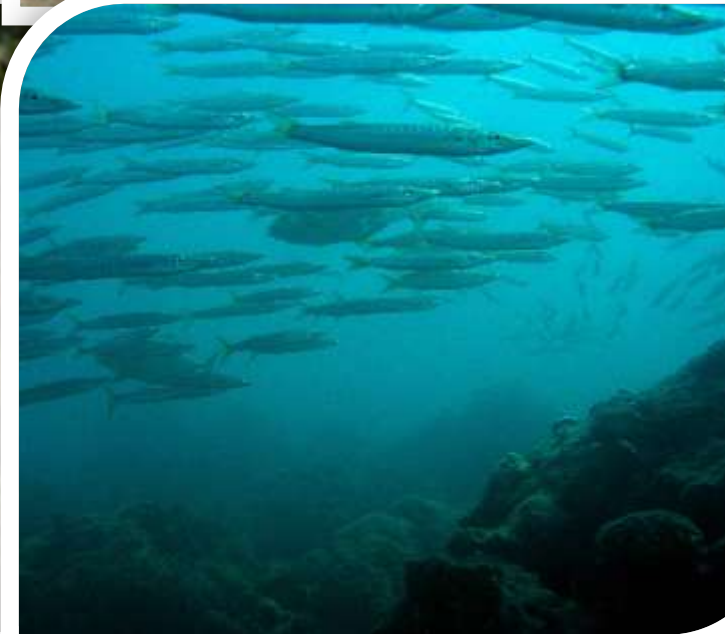
**secure approvals and deliver projects**

Australia maintains significant state and national standards for Port operational approvals. Obtaining dredging approvals, ocean disposal permits, and the development and maintenance of long term dredge management plans, are critical to efficient operations. Timely and high quality delivery is required, ensuring operational compliance and delivery of operations committed to sustainability.

Ports and Coastal Environmental also provide effective client representation on community and technical management panels, linking experience in environmental monitoring with the functional needs of Port and harbour managers. By understanding the operational framework of our clients we can best integrate our service delivery.

**Ports and  
Coastal  
Environmental**





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## Integrated delivery

Timely input into project design often secures the biggest environmental efficiencies, with benefits flowing through the approvals process and into operational management.

However, no matter the stage of your project, from concept to maintenance, Ports and Coastal Environmental provides solutions to improve performance and strengthen sustainability outcomes.

A breadth of experience and a deep understanding of Australia's regulatory objectives for Port environmental management, makes Ports and Coastal Environmental a first choice provider of quality monitoring, approvals and environmental management services to your industry.

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