



# FIRE MANAGEMENT CAPABILITY STATEMENT





## ABOUT CATCHMENT SOLUTIONS

Catchment Solutions is a Queensland based service provider, offering a range of specialised environmental services that combine technical expertise, innovation and collaboration to meet your needs. Working closely with business and government across diverse industries, we provide tailored solutions for strategic environmental and commercial outcomes.

Our core capabilities are:

- Fisheries and Aquatic Ecosystems
- Fire Management
- Rural Production Innovation
- Water Quality Services
- Systems Repair

## RURAL AND LANDSCAPE FIRE MANAGEMENT

Catchment Solutions has been working with land managers and fire professionals to develop tools that balance and optimise the hazard reduction, primary production and biodiversity aims of fire management. We build the knowledge, experience and capacity needed to utilise fire as a practical and useful tool.

Our people are recognised experts and have the respect of fire professionals and those involved in managing natural and production landscapes.

We engage stakeholders who are relevant to the scale of planning and the desired fire management outcomes. This ensures fire management tools are practical for the practitioners and managers who are responsible for their implementation.

## COMMERCIAL FIRE PRODUCTS & SERVICES

### FIRE MANAGEMENT GUIDELINES

These guidelines develop optimal fire regimes for a range of landscapes based on the three pillars of **hazard reduction, primary production** and **biodiversity management**. Fire Management Guidelines are tailored to the appropriate scale ranging from bioregions to brigades or individual properties.

Fire and land managers use the guidelines to implement fire regimes in their areas.

### FIRE RISK ASSESSMENT

Seasonal fire risk is assessed by a combination of remote spatial analysis and site survey. This is an economical and efficient means of determining fire risks for areas such as road reserves, power line easements and rail corridors.

Authorities use fire risk assessments as a key planning tool to develop annual fire management strategies.

### FIRE MANAGEMENT STRATEGY

Fire Management Strategies are developed to deliver specific outcomes such as groundcover maintenance in catchment areas, or the control of invasive weeds. Specialised fire behaviour training is included.

Managers use these strategies to cost-effectively deliver specific management outcomes over large areas.



### Fire management products are often unnecessarily complicated.

Catchment Solutions plans are sophisticated yet presented in a simple and practical way that engages landowners.

Working with regional practitioners to develop fire management tools ensures a proper understanding of the local issues, and the right balance between hazard reduction, biodiversity and production outcomes. Collaboration also ensures all parties accept and 'own' the plan, leading to better cooperation and smoother implementation.

Fire management tools such as plans need to be on a scale that matches the desired outcomes. For example, a small important habitat that requires the exclusion of fire will be overlooked in Regional Bushfire Guidelines. These areas require a finer scale Brigade Plan.

Catchment Solutions has achieved improved landscape scale fire management across 39,000,000 hectares of Queensland through the re-alignment of fire regimes.

### Catchment Solutions Fire Management Services are different.

- ✓ Developed by experts who are also land and fire management practitioners
- ✓ Developed in collaboration with local experts
- ✓ Simple, practical and at the appropriate scale

### HISTORY OF DELIVERY

#### FIRE MANAGEMENT GUIDELINES

Comprehensive guidelines prepared for regions and brigades across Northern Australia, including:

- Central Queensland Coasts (1,400,000 ha)
- Cape York Peninsula (13,700,000 ha)
- Brigalow Belt North (13,500,000 ha)
- Gulf Savannah in partnership with Carpentaria Land Council Aboriginal Corporation (10,000,000 ha)

#### FIRE MANAGEMENT PLANS AND REGIMES

- Barratta - developing fire regimes to ensure sensitive wetland areas are protected from the impact of wildfires.
- Control burning - for management of major weeds including Lantana and Rubber Vine.



**"The Clarke Connors fire management guidelines are simple to use and more importantly, to implement. As a fire warden and brigade officer they are a valuable tool for defining fire regimes for the landscape."**

- Steve Smith, Fire Warden and 1st Officer, Seaforth District Rural Fire Brigade



**Catchment Solutions Pty Ltd**

PHONE (07) 4968 4200  
EMAIL [info@catchmentsolutions.com.au](mailto:info@catchmentsolutions.com.au)  
WEB [www.catchmentsolutions.com.au](http://www.catchmentsolutions.com.au)  
ADDRESS Suite 4/85 Gordon Street | Mackay QLD 4740

