

# Environmental Management Plan

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## Nautical by Nature Mackay Pty Ltd

### 1. Introduction

Nautical by Nature Mackay is a marine tourism operator based in Mackay, Queensland, offering sunset cruises, private charters, jet boat rides, and island experiences. Our operations are conducted with a strong commitment to environmental responsibility and sustainability. This Environmental Management Plan outlines the systems and strategies we have in place to minimise our environmental impact while enhancing guest awareness and appreciation of the natural environment.

### 2. Objectives

- Reduce energy consumption and reliance on fossil fuels
- Minimise waste generation and promote responsible disposal
- Protect marine life and sensitive environments
- Promote sustainable water and resource use
- Educate guests and staff on environmentally responsible behaviour
- Foster continual improvement in environmental practices

### 3. Energy Efficiency and Emissions Reduction

Our vessel, Endless Days, has been fitted with rooftop solar panels and a high-efficiency alternator system. These systems provide power for lighting, refrigeration, and climate control, reducing the need for generator use and lowering fuel consumption. All lighting onboard is LED, and appliances are selected for their low energy draw.

Routes are planned to optimise travel times and fuel efficiency, and regular maintenance ensures engines operate at peak performance. By sourcing goods and services locally, we further reduce emissions associated with long-distance transport.

### 4. Waste Management

Waste generated onboard is separated into general waste and recyclable materials,

including glass, cans, and cardboard. These are disposed of responsibly at the Mackay Marina using the designated skip bins for each waste stream. We actively avoid single-use plastics and encourage guests to bring reusable items where possible.

Crew are trained in waste management protocols.

### **5. Water Conservation and Eco-Friendly Products**

Endless Days is equipped with a desalination unit capable of producing 180 litres of fresh water per hour from seawater, reducing reliance on land-based water supplies. All cleaning products used onboard are biodegradable and marine-safe.

We monitor water usage during charters and encourage guests to conserve water through guided best practices.

### **6. Protection of Flora, Fauna, and Sensitive Environments**

All anchoring is conducted with care to avoid damage to seagrass beds, coral reefs, and sensitive marine habitats. Our skippers use charts and local knowledge to select appropriate mooring locations that balance guest experience with environmental protection.

Wildlife interactions are strictly passive—guests are briefed on appropriate behaviour including no touching, feeding, or chasing marine animals. We follow all GBRMPA regulations and marine park zoning requirements.

### **7. Environmental Education and Interpretation**

Environmental messaging is integrated into our guest experience through commentary and informal discussions during tours. Topics include local marine ecology, reef health, responsible wildlife viewing, and sustainable tourism practices.

Guests are encouraged to adopt eco-conscious habits beyond their visit, reinforcing long-term awareness and behaviour change.

### **8. Cultural Awareness and Future Collaboration**

While we currently do not visit culturally significant sites, we acknowledge the Traditional Custodians of the land and sea country we operate within. We are actively

exploring opportunities to collaborate with Traditional Owners to incorporate cultural education and storytelling into future island experiences in a respectful and meaningful way.

### **9. Continuous Improvement**

We are committed to ongoing review and refinement of our environmental practices. Feedback from guests, staff, and community partners informs improvements, and we remain open to adopting new technologies and methods that support our sustainability goals.

### **10. Review Schedule**

This Environmental Management Plan will be reviewed annually, or more frequently as operations expand or new environmental practices are adopted.