



BYRON BAY SURF
FESTIVAL 2022

Impact Report

Responsible Event Planning

01

Our
Sustainability
Pledge

02

Assess the
Impact and
Define the goals

03

Implement the
action plan

04

Our Rubbish data

05

Our Dune Care

06

Our Carbon

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Our Review

Introduction

An impact report is our way to communicate the issues we face running surf events in today's climate crisis and our strategies in areas we can improve and how we help change.

It measures the impact that the Byron Bay Surf Festival makes in people's lives, focusing on social or environmental outcomes.

We do this to:

- Review our results against our mission and goals, our Sustainability Pledge
- Improve and implement changes depending on the results of the report
- Offer transparency and trust with funders, supporters, and beneficiaries
- Cultivate a culture of learning among similar organizations
- Celebrate the achievements of staff and volunteers

Our main risks and challenges revolved around event venue permit restrictions and processes and ensuring we had up to date local environmental information regarding:

- Marine life
- Shorebirds
- Pollution – noise & air & waste
- Local residents & businesses feedback
- Local surf and environmental organisation support
- Carbon emissions from transport of entrants

These risks were addressed with a lot of pre-event communications and research resulting in wide reaching support in most areas.

The success of these actions are measured by feedback from our stakeholders, council, locals and waste review.

Venue locations are always open to change with surf conditions so planning for alternative locations is key to any surf event success. Our choice of locations were Wategos, Clarkes and back up Belongil Beaches in Byron Bay.

This report aims to reveal those challenges and the actions we took to mitigate any environmental and social negative impacts.

We look forward to your comments and how we can improve.

Our Sustainability Pledge

Our Mission

The Byron Bay Surf Festival (BBSF) is committed to Sustainability as a core component of the very nature, passion and collective aim of the Festival for a better world. Our efforts are targeted, measured and reviewed. We are open to all to help, give feedback and to join us in our Sustainability endeavours.

All key stakeholders, including our sponsors, choose to protect the environment that gives us, as surfers, so much in return. We are greatly assisted by the incredible efforts of local environment groups and our Waste Warrior Volunteers, who ensure our Festival waste is minimised and diverted from landfill.

We acknowledge the Bundjalung of Byron Bay Arakwal people, the traditional Custodians of the land and waters, where we stage our Festival. We pay our respects to their Elders past, present and emerging. We further acknowledge the work of Byron Bay Council to monitor and require sustainability management and minimal footprints in all events in their aim to be landfill free and carbon neutral by 2025.

Our Targets

Our aims and targets for the BBSF in 2022 are:

Work with Byron Bay NGO environment protection agencies and encourage local action to keep our coastlines and marine life safe from pollution.

Hold daily Beach Clean-ups at the beach locations used for our event in alignment with Shire's aim to reduce waste to landfill by 40%.

Ensure all waste collected is benchmarked and sorted into 4 separate waste streams – Landfill, Earn & Return revenues (offered to local NGOs), Organics (sent for composting) and Recycling.

Divert over 75% of all waste from landfill.

Enforce BYO water bottles and coffee cups with our event team and encourage all at our Festival.

Where possible, source renewable energy alternatives to power our contest operations on the beach.

Estimate the travel emissions of all ticketed surfers and voluntarily offset those emissions with Sea Trees, recognising that blue carbon coastal ecosystems (planting mangroves) harvest 5 times more carbon than trees on land.

We will support Surfers for Climate in ensuring a strong voice from the surfing community in response to our Climate Crisis.

John Finlay
Byron Bay Surf Festival Chairman

Our 2022 goals

Over 90% of landfill came from beach cafes

1

Work with Byron Bay local NGOs and environmental organisations

We soon realised that many of the local volunteer organisations have had to divert labour and time away from beach conservation to emergency recovery assistance throughout Northern Rivers after this year's devastating floods.

Groups such as Take 3 for the Sea, Plastic Free Byron, SeaBin and Life Wild have not held beach pollution studies or actions in 2022 and were unavailable to collaborate at our event. Byron Rangers (a Beach Clean Up Business) were not interested to support in a voluntary capacity, however were able to offer valuable insight into the current risks to shorebirds and dune erosion at Belongil and Clarkes and Wategos waste issues.

3

Ensure waste is sorted & benchmarked

Each daily beach clean up was logged with Tangaroa Blue's AMDI data base in recognition of over 25yrs of marine debris data science.

4 x waste streams were offered and 12 x bins contracted at Clarkes and 4 x bins at Wategos so that we could manage event waste separately to public waste.

2

Hold Daily Beach Cleanups.

Our first Creative Expression event – Cosmic Creek was held in wild & windy rain on Friday & reduced to 2hrs – with 1 piece of soft plastic picked up, all bumpy cardboard sorted to recycling. The callout to community volunteers was cancelled due to weather conditions. Saturday shone and the full day event proceeded with Vissla's Surfing NSW & surfers & spectators – 14 in total completing a beach clean from 4–5pm at Clarkes and 18 at Wategos (see AMDI data),

4

Divert over 75% of waste from landfill.

Breakdown of Waste Data KPIs:

- 77% of waste diverted from landfill
- Majority of diversion achieved by ensuring cardboard at bumpin/out was either taken by sponsor or sorted to recycling
- Supported diversion from BYO coffee cups & water bottles with event team
- 90% of all landfill was takeaway food packaging generated by 2 x beach cafes within 100m of beach venues
- 282 refundable containers given to homeless for Earn & Return revenues

Our 2022 goals cont'd

5



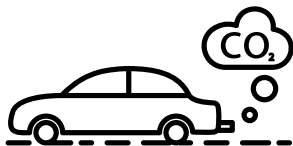
Enforce BYO coffee cups & water bottles with event team

World Surfaris as event managers recognise the need to walk the talk and ensured that all team members used BYO coffee cups & water bottles, sponsored by Event Generals and Hydroflask.

Whilst it was heartening to note that both cafes at our beach venues accepted reusables, there was no messaging or promotion of this and locals seemed unaware of the Byron Loves BYO campaign. Gift reusable coffee cups were given to surf judges and adult beach clean up volunteers from the community.

It is our recommendation that cafes running within 100m from beach venues be required to promote reusables, incentivise reusables with discounts and that this be a requirement of beach venue permits in the future.

7

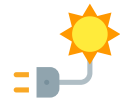


Travel Emissions

Each ticketed surfer and our event team provided travel & destination information for us to estimate carbon emissions of their travel to our event.

The estimate was more than 15,000km with over 30% diesel fuelled. Offsets were financially not available until we can reduce these emissions in Year 1 assessment.

6



Alternative Energy

Energy used at Clarkes was 1 x 2kva and 1 x 4kva generator unleaded fuel.

Energy used at Wategos was grid connection. Solar battery power was investigated but not available in 2022 nor reliable in bad weather.

8



Surfers for Climate

In recognition of our partnership with Surfers for Climate we ensured every registered surfer received this messaging to promote environmental protection habits and to join this organisation via QR code.



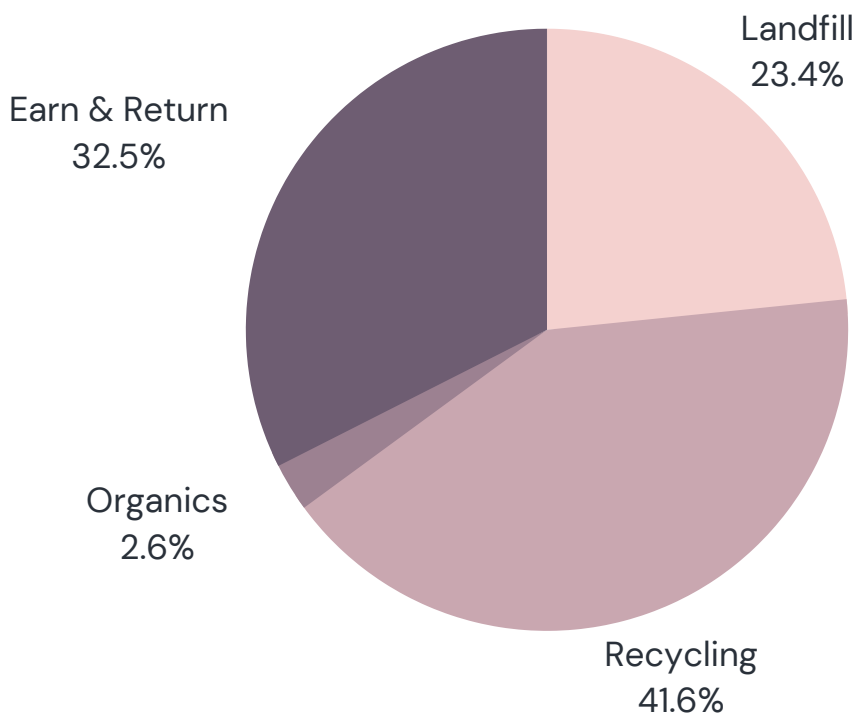
5 things you can do

- do NOT sit on the dunes. At-risk shore birds nest here & their habitat is shrinking
- BYO coffee cup & water bottle, take butts home
- JOIN daily beach cleanups
- use REEFSAFE sunscreens & wax
- JOIN SURFERS FOR CLIMATE & make our voice heard

Lets Talk Rubbish !

Waste Data

Waste collected from Event bins estimated in visual volume not weight as council waste contractor does not sort individual waste streams.
Total Waste 1980 litres = 8.25 x 240L wheelie bins.



282

Earn & Return
refundable containers
given to homeless

90%

of Landfill came from
local beach cafe coffee
cups & takeaway
packaging

77%

Diversion of waste
from landfill achieved

Waste Costs

12 x bins hired from Solo Waste \$150 for Clarkes Beach Fri/Sat
4 x bins hired from Rubbish Moves \$231 for Wategos Beach Sat/Sun to
ensure waste not added to council services and separated.

Special thanks to our sponsor Gage Roads for providing liquid refreshments in infinitely recyclable aluminium cans at after party.



Lets Talk Wildlife !

Clarkes & Belongil Beaches

Dune Care

It was quickly established that there were current concerns from local environmental protection groups at these locations. The following specific strategies were put in place to mitigate dune damage and reduce impact to at-risk native flora and fauna:

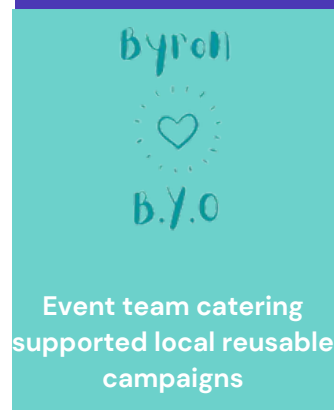
- 1) Pop up Tents only were used on the beach and taken down both days by 5pm, no heavy structures.
- 2) No night events requiring artificial lighting or generators on the beach were included.
- 3) Reduced volumes of amplification, music and microphones were controlled during events
- 4) No areas of the beach were Privatised and all were welcome.
- 5) No Alcohol was encouraged on the beach.
- 6) Research of current risks done prior to event planning including shorebirds nesting habits.



Event teams instructed to respect signage actions



Event team given BYO water bottles to avoid packaging



Event team catering supported local reusable campaigns



EVENT IMPACT MITIGATION



Separate event bin hire & management 4 x bin waste stream



99% of all event structures were temporary and NOT on beach at Wategos & at Clarkes taken down daily



Sustainable signage actions

EVENT CARBON OFFSETS

Climate Change & Energy

The Byron Bay Festival of Surfing aimed to measure its travel emissions of all competitors and event teams for the first time in 2022. Postcodes of contestant and team data were used which estimated over 15,000km travelled, over 30% using diesel. Whilst a more comprehensive survey will be needed in 2023, it is estimated that the carbon emissions could have been as high as 65 tonnes. The main reasons are:

- 2 x separate event teams were used for Clarkes and Wategos locations, thereby doubling the amount of people included in travel data (Surfing NSW).
- Not many shared cars with ticketed surfers
- Over 30% diesel fuelled cars when random surveys made (higher emissions)
- Data may not be accurate enough to calculate with full authority for offsets

Mitigating the event's Co2 footprint helps reduce direct threats to surfing from climate change and global warming such as: sea level rise, ocean acidification, reduced wave heights and loss of coral reefs globally.

In order for us to better calculate and thereby successfully offset emissions in 2023 we will need to gather more vehicle & fuel data from each contestant. Whilst we did not achieve our aim in 2022, the learnings around our estimate is valuable for 2023 and something we can target to include in our pre-event planning



We thank you for your ongoing support of our programme

Acknowledgements

Special thanks to James McMillan founder of the Byron Bay Surf Festival for his tireless work to continue this event with enthusiasm, peace and big smiles. All key stakeholders, including our sponsors, choose to protect the environment that gives us, as surfers, so much in return.

We acknowledge the Bundjalung of Byron Bay Arakwal people, the traditional Custodians of the land and waters, where we stage our Festival. We pay our respects to their Elders past, present and emerging. We further acknowledge the work of Byron Bay Council to monitor and require sustainability management and minimal footprints in all events in their aim to be landfill free and carbon neutral by 2025.

James McMillan – Founder BBSF

John Finlay – World Surfing

Josh Allen – Event Generals

Eliza Quaine – Event Co-ordinator

Amanda Pummer

Sustainable Happiness

amanda@sustainablehappiness.com.au

www.sustainablehappiness.com.au

Appendix

AMDI – beach cleanup waste data sheets

Comprehensive Data Collection Sheet from the Australian Marine Debris Initiative was used to log all Beach Clean Ups rubbish as audited. Above is the summary pages for all 3 x events, following is the detail. All data logged with Tangaroa Blue on 15/9/22.

We thank the efforts of our volunteers in helping ensure our beach events left the beaches clean and without impact and helped in educating those involved in the source and end use of rubbish in Byron Bay.

Thank you to Sara and Zoe from the Byron Bay Shire Council in advising of the waste sorting requirements applicable in this location and in their creation of Bryon Loves BYO reusables programme helping divert waste from landfill. Thank you also to the many local organisations who gave advice and up to date environmental knowledge of at risk areas from waste pollution.

COMPREHENSIVE DATA COLLECTION SHEET
Tangaroa Blue Foundation
PO Box 1235, Dunsborough, WA 6281 | www.tangaroablue.org

WILLOW BEACH
Clean-up locality: **WILLOW BEACH** Locality postcode: **2481**
Nearest town: **BYRON BAY** Nearest road or landmark: **WILLOW BEACH**
Date: **12/9/22** Start time: **3:45** Finish time: **4:45** Number volunteers: **6**
Contact name: **AMANDA PUMMER** Phone or email: **0422 877162**
Organisation/School (if applicable): **BYRON BAY SHIRE FESTIVAL**
Total filled bags: **5** Total weight (kg): **15** Length of site cleaned (m): **500**
Average width of site (m): **300m** Type of adjoining land: **beach bags / public**

COMPREHENSIVE DATA COLLECTION SHEET
Tangaroa Blue Foundation
PO Box 1235, Dunsborough, WA 6281 | www.tangaroablue.org

WILLOW BEACH
Clean-up locality: **WILLOW BEACH** Locality postcode: **2481**
Nearest town: **BYRON BAY** Nearest road or landmark: **LIGHTHOUSE RD**
Date: **11/9/22** Start time: **12:30** Finish time: **1:30pm** Number volunteers: **12**
Contact name: **AMANDA PUMMER** Phone or email: **0422 877162**
Organisation/School (if applicable): **BYRON BAY SHIRE FESTIVAL**
Total filled bags: **9** Total weight (kg): **35** Length of site cleaned (m): **300**
Average width of site (m): **200m** Type of adjoining land: **public ways / green**

COMPREHENSIVE DATA COLLECTION SHEET
Tangaroa Blue Foundation
PO Box 1235, Dunsborough, WA 6281 | www.tangaroablue.org

CABLES BEACH
Clean-up locality: **CABLES BEACH** Locality postcode: **2481**
Nearest town: **BYRON BAY SHIRE** Nearest road or landmark: **LAUSON ST**
Date: **10/9/22** Start time: **4:00pm** Finish time: **5pm** Number volunteers: **14**
Contact name: **AMANDA PUMMER** Phone or email: **0422 877162**
Organisation/School (if applicable): **BYRON BAY SHIRE FESTIVAL**
Total filled bags: **12** Total weight (kg): **60kg** Length of site cleaned (m): **500m**
Average width of site (m): **300m** Type of adjoining land: **public ways to carpark**

Land-use Type: On the ground ☐ Built drainage ☐ Inland waterway ☐ Estuary ☐ Coastal shoreline ☒ Underwater ☐
Transect: 1 ☐ 2 ☐ 3 ☐ 4 ☐ General Area Clean ☐
Section: Land-use area ☐ Amenity area ☐ Carpark ☒ Other ☐

Country of origin and barcode information from intact labels can be entered in the tally and note section against the particular item or in the section at the end of the data sheet.

Plastic items - Consumer Total Tally and note

Over 75% of all
beach clean-up
waste was
plastic

Amanda Pummer
www.sustainablehappiness.com.au
amanda@sustainablehappiness.com.au
0422 877 162

COMPREHENSIVE DATA COLLECTION SHEET

Tampara (Blue Foundation)

PO Box 128, Dorrington, WA 6281 E-mail: tampara@bluewin.ch

DATE: 2005.04.14
PAGE: 1 of 2

NAME: TAMPARA

ADDRESS: TAMPARA

Name of client / loan location: TAMPARA

Client use / location: TAMPARA

Client use / location: TAMPARA

Client use / location: TAMPARA

Client use / location: TAMPARA

Client use / location: TAMPARA

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Locality position: TAMPARA

Nearest road or landmark: TAMPARA

Postal code: TAMPARA

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COMPREHENSIVE DATA COLLECTION SHEET



Targansia Blue Foundation

PO Box 133, Oxenbury, VA 628 | www.targansia.org

Phone Name Packaging	Total ¹	Tally and note
Black & Orange bottles		
Look & listen, jarms, strap, flow restrictor & similar		
Personal care & pharmaceutical packaging		
Plastic bags (household, garbage, dry mix, etc)	7	III
Plastic containers (non food, no liquid, chemical)		
Plastic drink bottles (water, juice, milk, soft drink)	11	IIII III
Plastic packaging food (snack packets, containers)	15	IIII IIII III
Plastic wrap non food (bubble wrap, cigarette packaging etc)		
Wrapping black straps		
Wrapping band wheels (around as single item)		
Black bottles 800-550		
Swish bags (garbage, water & mineral bag)		
Packaging accessories (zippers, seals, straps, handles)		
Plastic totes, drums, jerrycans & buckets over 4 liters		
Plastic drink packaging (bags, six pack rings, ring carriers)	2	N
Plastic drinking (bottles, water, juice, coffee etc)	3	III
Synthetic (unfilled) disposable jugs & packaging	2	II
Plastic Fishing Items	Total	Tally and note
Snail & tackle bags & packaging	Bill bags	
Boat containers & fish, bait tovers	Tackle bags & packaging	
Commercial fishing remnants (float, net, crane bag)		
Chemical light stick/glow sticks		
Fishing line (no metal components)		
Recreational fishing items (bait, lures, rods, reels)		
Snail & or scraps less than 1 metre		
How (not) snail (larger in metres)		
Accessory items		
Baskets, crates & trays		
Commercial fishing traps, pots & snail parts		
Fishing line (no metal components)		
Fishing net (no net) (in square metres: sq)		
Plastic bags and floats		

VSL2024

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		COMPREHENSIVE DATA COLLECTION SHEET		 anglo.pacific.com www.tangaroablue.org
PO Box 1235, Dunburnow, WA 6311 www.tangaroablue.org				
Plastic Items - Remnants		Total	[]	Tally and note
Plastic bins & pieces from a landfill		7	JPT U	
Plastic film remnants (bits of plastic bags, wrap etc)		3	A	
Remnants from plastic:		1		
Plastic Items - Industrial, Commercial, Shipping & Housewares		Total	[]	Tally and note
Blasting items				
Cable ties & plastic fasteners				
Carpet & linoleum/hardboard, floor deck & padding				
House safety, ventral & building equipment				
Medical waste				
Miscellaneous activities (free guard, barrier fence etc.)				
Occupational health & safety items (first aid kits, gloves etc)				
Plastic electrical cables, connectors & fittings				
Plastic farming implements, devices, & fittings				
Plastic odourants				
Plastic paint PVC, insulation & recirculation				
Plastic tubes & hoses				
Plastic vehicle parts				
Research items (science)				
Shrinkage cartilage and swelling				
Syringes medical				
Syringes veterinary				
Tags				
Type adhesive, electrical, duct, hazard marker & tabs				
Foamed Plastic (Polystyrene) Items		Total	[]	Tally and note
Foam buoys				
Foam cups, food packs & trays				
Foam insulation & packaging (bedding and remnant)				
Drift net floats				
Foam sponge (mattress & car mats)				

VZ220204

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COMPREHENSIVE DATA COLLECTION SHEET

Tangara Blue Foundation
PO Box 1235, Dunbarrow, WA 6202 | www.tangarablue.org

AUSTRALIAN
GOVERNMENT


Department of the Environment,
Water and Heritage

Other Materials		Total	Tally and note
Oil products & tar balls			
<div> <div> Secondary items (Biscuits, vegetables, confectionery) </div> <div> Spillary items Cotton bud sticks </div> </div>			
Algal blooms, eucalyptus & bacteria			
Beach toys, swimmers & ornaments			
Building & trades materials, Fungus & Fittings		1	1
Container contents intact & spill content			
Food scraps		6	III I
Organic materials		2	II
Personal effects (jewellery, money, keys, jewellery)		1	I
Pink handbags & care items		2	III
Swim dry suit, snorkel & gear			
Wax, surf wax, candles, candles, candles		2	II
Weathered before parties (palmfruits, giant, balloon rock, knox)			
Glass & Crystal Materials		Total	Tally and note
Decorative light bulbs and bulbs			
Glass beer stubbles & pine mixed alcohol bottles		15	III I II I I I I I
Glass jars & sauce bottles			
Glass or ceramic bottles		1	I
Glass wine, spirit and similar bottles			
Construction material (brick, cement, pipes)			
Ceramics & on-cave items			
Coin from		Real	5 Tally and note
Binding, thread, string & cord natural			
Clash, clothing, hats & towels			
Canoes, buoys & floatation materials		11	
Rope natural (intermediate lengths in metres)			
Metal Items		Total	Tally and note
Armored cars			
Aluminium cans			
Pot ornaments, buckets, blades & chis		23	III I II I I I I I I I I
Metal bottle caps, lids & pull tabs		10	III I I I I I


V022-0204

Page 4 of 6

	7	
Metal fishing items (rodens, lures, hooks, metal point)		
This under 4 litres phos, drink tins and similar		
Cas bottles liquid capings & cans		
Gas bottles		
Metal kysils, shopping trolleys and similar		
Metal drums, cans & buckets over 4 litres		
Metal building & trade materials, tanks & fittings		
Metal boxes & floats		
Metal marine engine & boat parts & fittings		
Motor vehicle parts & batteries		
Metal outdoor equipment, implements, furniture		
Metal scrap & remnants	I	
Metal signs and shelving		
Mechanisms		
Metal unspecified	V	
Small machinery & electric motors		
Whetstones		
Wires, metal staves & pipes		
Paper & Cardboard Items	Total	Tally and note
Newspapers, magazines & brochures		
Fruit /Tallowery	S	USE IN
Papers	R	USE SPC I
Other packaging		
Tinny packs & drink cartons	S	USE M
Manufacturers paper, labels & tickets, paper remnants	Z	USE FOR CASES AND TINS
Rubbish Items	Total	Tally and notes
Rubbish balloons		
Ballois		
Toys	H	
Elastic straps		
Bands		
Rubbish baskets & Shingles		
Rubbish remnants	H	



COMPREHENSIVE DATA COLLECTION SHEET
Tangaroa Blue Foundation
PO Box 1338, Dunedin 901 NZB | tangaroabluefoundation.org



Rubber buffers, signs and similar Baiting platform				
Birds seen	Total	Tally	and	note
Doves, brachos & parrot keahies				
Proposed to eat, perched or other noted				
Observed collection on the, perched, collected etc				UK
Observed fishing items				
Observed fishery items				
Observed populations	YES / NO	Comments		
Observed observe any specific roost patterns?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Did you observe any dead injured animals or birds?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Did you observe any signs of dead birds in the colony?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Use this space for items unlikely to be placed above and for recording tail data etc.				
Other comments and feedback				

VECTRA

CLEAR
EMAIL
PRINT

Page: 6 of 8

60Kg

35kg

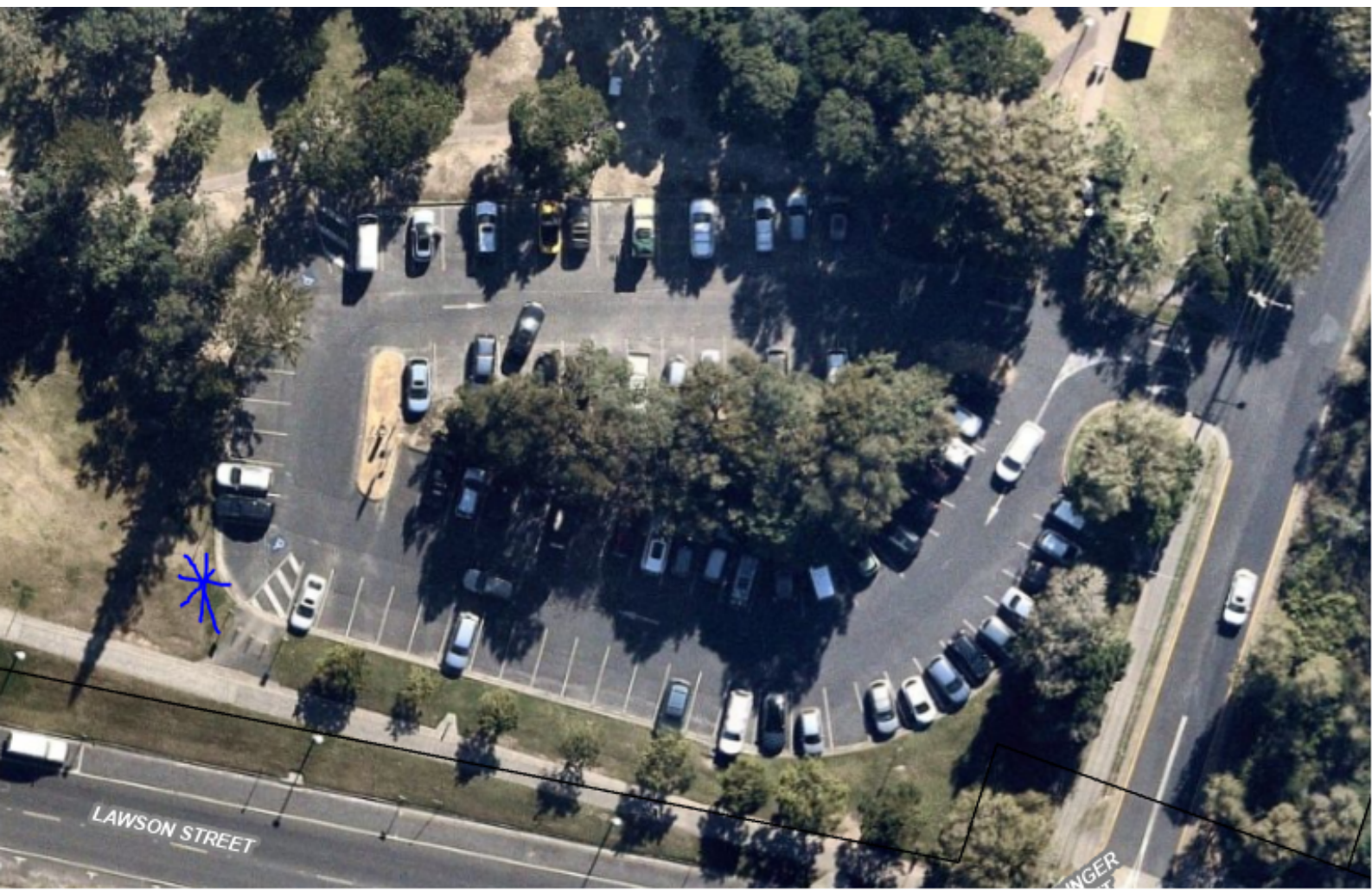
15Kg

SPECIFIC LOCATION OF AT- RISK DUNE AREA FOR NATIVE SHORE BIRDS BREEDING

10/15



SPECIFIC LOCATION OF SOLO DELIVERY/COLLECTION POINT FOR BINS AT CLARKES





EVENT WASTE MANAGEMENT PLAN

Guidelines for event organisers

Byron Shire Council

70-90 Station Street
Mullumbimby NSW 2482
PO Box 219
Mullumbimby NSW 2482
council@byron.nsw.gov.au
02 6626 7000

INTRODUCTION

Your Event Waste Management Plan (EWMP) helps to identify the types and amount of waste your event will generate and how you plan to reduce, collect and remove that waste.

Waste should be avoided, and reusable materials used wherever possible. Where waste is unavoidable, materials should be able to be placed in the organics or recycling bin, as per the **Be A Good Sort** guide below.

WHEN DO I NEED AN EVENT WASTE MANAGEMENT PLAN?

An EWMP is required by Council where:

A Development Application is required for the event

It is requested by Council

100 patrons or more are expected and food and/or alcohol are served.

The EWMP must be submitted to Council's Events team via events@byron.nsw.gov.au prior to an event permit or licence being issued. Please make sure all sections are filled out before submitting.

EVENT WASTE COLLECTION SERVICES – STEPS REQUIRED

1. Prepare an EWMP using the information and form provided in this document.
2. Contact Council's Resource Recovery team for advice if required on completing the EWMP.
3. Contact waste provider to ensure requirements can be met and obtain quote.
4. Submit Waste Management Plan to events@byron.nsw.gov.au ensuring all sections are completed.
5. Organise collection with waste collection providers based on the approved EWMP – this can then be invoiced directly to the event.

Event organisers are encouraged to contact Council's Resource Recovery Team via email council@byron.nsw.gov.au should they have any questions in regards to the development of their EWMP. The team is happy to work with event organisers and provide advice on the best practices to reduce and remove waste.

The EWMP will be assessed by Council, in conjunction with the nominated waste collection contractor. This may result in approval, recommendations to alter the plan and/or the insertion of conditions into the event permit or licence.

PLEASE NOTE: Additional servicing of Council's public place waste and recycling bins required as a result of an event will be charged to event organisers. This must be discussed as part of the EWMP approval.

Towards Zero

Byron Shire Council is committed to waste reduction and sustainability. Council encourages all events to work towards making a positive contribution to waste management. We strongly encourage you to minimise the amount of waste sent to landfill as part of Council's zero waste to landfill aspiration.

Creating a zero waste event is a great way to minimize your impact on the local environment, reduce emissions and demonstrate your values as an operator.

Zero waste can also enhance the overall experience of attendees, employees and volunteers throughout the event. It is a useful marketing tool and a cost effective way to host an event.

Zero waste practices need to be considered across all phases of the event: planning, delivery and evaluation.

Step 1: Set targets and timeframes.

Make sure these are achievable and specific to your event and location

Step 2: Estimate quantity, type and source of waste

Consider what waste may be created before, during and after the event and then seek alternatives. Be specific about packaging and materials. Consider BOH, FOH and what patrons are allowed to bring in. This includes marketing material and building the site.

Step 3: Design site layout

Where will there be bin stations, waste sorting, liquid waste disposal etc. Consider hot spots eg food areas and exits.

Step 4: Research and engage waste service providers and zero waste initiatives

Consider what services are available in the area, including collection services, wash stations, water refill

Step 5: Choose infrastructure – bins, skips and logistics:

What will be the most common waste streams eg recycling or more specifically bottles and cans. Signage and education will play an important part in this step. Will there be a wash station, or specialty recycling eg bottles and cans collections.



Step 6: Engage stallholders and entertainment

Set clear expectations and explain the motivations. Research local stallholders that have experience in zero waste events.

Step 7: Budget and staff allocation

Don't just rely on volunteers for waste reduction. Give zero waste practices and those that implement them value. This shows you are committed and encourages a market and demand for them.

Step 8: Develop a communication and education plan

Communicate your goals with staff, vendors, entertainment, attendees, the community, Council and service providers. Begin this process from the beginning. Much of the education can be done before the event and will set clear expectations for everyone.

Step 9: Talk, talk, talk

You don't need to always reinvent the wheel, use available resources and knowledge and then adapt to suit your event. If you have an idea chances are someone has tried it and will be able to help. Just start talking to people and you will soon be pointed in the right direction of resources and local initiative.

Reducing plastic and single-use waste at your event

Implement a 'no single-use plastic packaging' policy that includes straws, plastic bags, coffee cups, foodware, takeaway containers and water bottles; allowing only reusable to be used or sold.

Incorporate a zero balloons and zero glitter and confetti policy to avoid litter.

Provide special purpose containers for cigarette butts. Avoid giveaways or freebies. Use recycled or reclaimed materials for infrastructure/ décor at your event or structures designed to disassemble and reuse.

Hire or borrow equipment and other event supplies before buying. Use electronic guides and/or forms of communicating with your patrons - avoid printed leaflets.

Implement the NSW Government's container Return and Earn Scheme and ways to involve local community groups in this process.

Collect unwanted, unsellable food for a local charity or organisation.

Evaluate waste generation and management procedures after your event. Collecting data on this can also support grant applications if you are seeking event funding.

Put a surcharge on single-use.

Wash Stations

You can dramatically reduce the amount of waste at your event with wash station and sanitising system – contact Council for info).

Hire or borrow reusable crockery and cutlery.

Rent cups and crockery to attendees for the duration of the event.

Promote reuse before the event starts.

Set up a zero waste section of the event as a trial.

There are plenty of companies and initiatives that can supply, set up and run a wash station.

Reusable and compostable packaging:

Encourage staff, volunteers and patrons to bring reusable water bottles/cups (if water refill station is provided)/cutlery and/or have reusable bottles for sale at your event.

Use reusable bags. Ask for donations or collect second hand bags. Alternatively use bags made from Fairtrade cotton, hemp, bamboo or other natural fibres.

Where reusable is not available or suitable, use Australian Certified (AS4736) compostable packaging (paper, cardboard, sugar cane, bamboo products are preferred).



For more information on appropriate packaging and how to hold a plastic free event, contact Council

[Refer to Byron Shire Council Event Guide for more information](#)

Resources for more ideas and information:

Barwon South West Zero Waste Event Guide

[20633_BSWWRRG_ZeroWaste_Guide9-FINAL.pdf \(reduce-recycle.com.au\)](#)

Mullum Cares Waste Free Events

[Waste Free Events – Mullum Cares](#)

Takeaway Throwaways

[Single-use alternatives for events and hospo – Takeaway Throwaways](#)



EVENT WASTE MANAGEMENT PLAN



HOW DO I CALCULATE HOW MANY BINS ARE REQUIRED?

In general, expect a minimum of one litre of waste per person per meal. However, this may vary depending on catering, alcohol availability, number and profile of attendees as well as the waste minimisation strategies utilised.

As an example:

1,000 people x 2 meal times = 2,000 litres of estimated waste

Divide 2,000 by 240 litres (a standard bin) = 8 bins. Bin types will vary depending on the types of waste at your event.

Less bin stations may be utilised if bins are emptied often, especially those bins near food and beverages.

WHAT CAN BE PUT INTO THE BINS?

BE AWARE: items labelled “biodegradable” and “compostable” may not actually be able to be composted in local systems. Please refer to the list below and check with Council if you are unsure.

FOOD & ORGANICS (GREEN BIN) RECYCLING (YELLOW BIN) LANDFILL (RED BIN)

All food scraps including: Aluminium cans (clean) Baby food pouches

Bread Aluminium foil (clean) Bioplastic cups, bowls and

Citrus Cartons milk and juice containers

Dairy

Cardboard (clean) Biodegradable plastics

Fruit

Envelopes Biodegradable takeaway food

Meat

Seafood Glass jars & bottles (lids off and containers

Vegetables clean) Broken toys

Bamboo cutlery Glass plates/pyrex/mirror glass Cigarette butts

Cardboard (soiled) Lids (larger than a credit card) Cling wrap

Coffee grounds Newspapers Coffee cups (takeaway)

Flowers Plastic bottles & containers (lids off Coffee pods & clean)

Garden cuttings Foil food bags

Magazines Paper (soiled) Laminated paper and stickers

Paper (clean) Plastic bags

Paper towel (soiled)

Plastic plant pots (empty) Light bulbs

Pizza boxes

Steel tins & cans (clean) Nappies

Teabags

Tetra paks Plastic straws

Tissues (soiled)

Yoghurt Containers Polystyrene food containers

Polystyrene coffee and drink cups

Soft plastics



EVENT WASTE MANAGEMENT PLAN

		Soiled foil wrap/trays String or twine Wipes
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EVENT WASTE MANAGEMENT PLAN

1	EVENT DETAILS
Name of event	BYRON BAY SURF FESTIVAL
Event Date(s) and time	8-12 SEPTEMBER 2022
Anticipated crowd size	300 max per day

2	CONTACTS FOR WASTE MANAGEMENT	
NAME	ROLE/POSITION	PHONE/MOBILE
AMANDA PUMMER	SUSTAINABILITY OFFICER	0422877162
JOSH ALLEN	GENERAL EVENTS MANAGER	0433446790
ELIZA QUAINÉ	EVENTS CO-ORDINATOR	0422835733

3	CATERING AND MEAL TIMES
TYPE OF CATERING	X ON-SITE OFF-SITE
ALCOHOL AVAILABLE	<input type="checkbox"/> ON-SITE <input type="checkbox"/> OFF-SITE
BEVERAGES AVAILABLE	X ON-SITE OFF-SITE
MEAL TIMES DURING EVENT	DAY 1X BREAKFAST X LUNCH DINNER <input type="checkbox"/> MORNING TEA AFTERNOON TEA <input type="checkbox"/> PRE-DINNER DRINKS <input type="checkbox"/> DAY 2X BREAKFAST X LUNCH DINNER <input type="checkbox"/> MORNING TEA AFTERNOON TEA <input type="checkbox"/> PRE-DINNER DRINKS <input type="checkbox"/> DAY 3 BREAKFAST LUNCH DINNER <input type="checkbox"/> MORNING TEA AFTERNOON TEA <input type="checkbox"/> PRE-DINNER DRINKS <input type="checkbox"/>

4	WASTE AVOIDANCE
e.g. wash station, BYO water bottles, BYO coffee cups	
Going Zero waste strategies include	Reusables promoted at coffee cart & pre-event messaging



EVENT WASTE MANAGEMENT PLAN

Banning the sale of single use plastic water bottles	Promoting BYO water bottle & refill (check facilities) and/or glass/aluminium water for sale if necessary
Daily waste audit	To check for public/misc waste from outside & ensure no contamination into recycling waste streams
Promotion of reusables on website & all messaging prior to event	
Education of all staff/volunteers of the 4 x bin waste stream	

5 WASTE GENERATED BY ACTIVITIES

e.g. novelty stores	Cardboard boxes
kitchen	Liquid waste
BUMPIN	General waste, comingled recycling, cardboard & soft plastics
DURING EVENT ACTIVITIES	General waste - comingled recycling, paper/cardboard, organics, Container deposits Food waste – compostable packaging (cups, plates, cutlery) if unable to choose reusables with wash station (water access?) Butt litter – cigarette butts Waste brought by public to the event/beach – picnics, snacks, sunscreen, wax
BUMPOUT	General waste – comingled recycling. Signage – check for corflute signs (encourage reuse or recyclable). Ensure no single use cable ties are used and if found, collected from beach

6 COLLABORATION / WASTE INITIATIVES

ORGANISATION	ACTIVITY
e.g. Byron Rangers	Beach clean up Friday & Saturday Belongil Beach – The Wreck
Byron Council	Bin lid covers for easier recognition of 4 x waste stream bins – council no longer has these available

7 STALL HOLDER OR BACK OF HOUSE WASTE

ACTIVITY/STALL	PRODUCT: FOOD OR DRINK TYPE	MATERIALS GENERATED	RECYCLABLE? HOW MUCH?	WHEN?
Hamburger stall	Hamburgers, hot chips	Cardboard Oil Plastic wrap	Yes 6m ³ No 60L No	This stall is cancelled
Judges Tent	Service (Judges will have their own	Paper, soft plastics, catering	Yes 60L	During



EVENT WASTE MANAGEMENT PLAN

	bins)	packaging (only biodegradable and organic)			
Contest Directors	n/a	Paper, catering packaging (biodegradable & organic), cardboard & soft plastics	Yes	60L	During
Surfers for Climate change	Single use Plastic free merchandise, membership info	Paper, catering packaging (biodegradable & organics), cardboard & soft plastics	Yes	120L	During
Event management	Registration, single use plastic free merchandise and promotional items	Paper, cardboard, soft plastics	Yes	240L	Prior, During
Coffee van	Coffee hot & cold brew	Reusable cups & cans only	Yes	240L	During
			TOTAL WASTE	960	

8	BINSTATIONS
How many bin stations are required for the public (front of house)?	2 X BIN STATION OF 4
What bins are required back of house?	BINS
Name of event waste services provider (attach agreement)	SOLO (COUNCIL TO
When bins will be delivered and where to	CONTRACTO) LANDFILL, RECYCLING, ORGANICS + R&E WITH LIDS
Frequency of services (i.e. number of times per day/night)	CHECK COUNCIL'S SCHEDULE FOR PUBLIC BINS FRI/SAT/SUN - NEED EXTRA SERVICE FOR FRI PM AND SAT PM - & NEED CONFIRMATION OF ORGANICS TO YATALA EARTHBORN?
	PRIVATE ARRANGEMENTS



EVENT WASTE MANAGEMENT PLAN

	CO-EX & SOFT PLASTICS PICKUP?
	TBA
When bins will be taken away and identify collection point.	
	NO GREY WATER, BULK FUEL OR OILS OR PORTALOOS
Other waste facilities required (liquids)	TOTAL BINS 1440 L
Bin Contamination Plan	Attach plan for reducing contamination of recycling bins and food organics bins
Bin Signage/Labels	Supplying your own (please attach) – mini bins for judges only Need signage -n/a

9	BIN STATION LOCATIONS
Attach map(s) of bin station locations and drop off and collection point	

10	PROMOTION OF WASTE SYSTEM & HANDLING		
	ACTION	WHO	DONE
	e.g. educate stallholders of waste system, social media about BYO	World Surfaris/General Events	
	Website to promote reusables – Going Zero Waste		
	Educate all staff/volunteers re: 4 x bin waste streams	Sustainability Officer	
	Research recycling/organics needs in community	Sustainability Officer	
	Beach clean up promotion with local NGO's	Sustainability Officer	

11	BEFORE THE EVENT		
ACTION		WHO	DONE
e.g. set up bin stations at pre-determined locations		Contractor	
Plan & set up bin stations, signage & private / council collections		Council, contractor	
Ensure messaging on web		Event management	

12	DURING THE EVENT		
ACTION		WHO	DONE



EVENT WASTE MANAGEMENT PLAN

e.g. monitor bin set up and capacity, picking up litter	Committee member	
Waste audit daily to assess contamination & take photos	Sustainability Officer	
Monitor waste bin levels & vendors/suppliers during event	Sustainability Officer	
Daily beach clean ups	Sustainability Officer with local NGO	
MC to include Going Zero Waste messaging & use of recyclables during	MC/Event management	

A3	FTER THE EVENT	
ACTION	WHO	DONE
e.g. data collection, cleaning up site	Event personnel	
Collect waste measurement data	Sustainability Officer	
Conduct final beach clean	All involved	
Clean & check council bins, return covers	Sustainability officer/Event Management	
Return & Earn Cavanbah containers & softplastics recovery	NGO income receiver	