

2024

WA Beach Clean-up Report

The 20th anniversary of quantifying marine debris on the Western Australian coastline and marine environment.





Tangaroa Blue Foundation acknowledges the First Nations people as Traditional Owners and Custodians of Country across Australia, including the Land and Sea Country on which we live and work.

We pay our respects to their Elders past and present, and acknowledge their continuous relationship to this land and the ongoing cultures of Aboriginal and Torres Strait Islander peoples across Australia.

Front page: Castle Bay, South West NRM
Top: Twilight Beach, Esperance
Below: Abrolhos Islands Clean-up



20 YEARS PROTECTING THE OCEAN

Over the past 12 months, I've been asked many times if I ever imagined, when starting Tangaroa Blue®, where we would be 20 years later. Honestly, I never could have anticipated that what began with a small, passionate group of ocean lovers in the Margaret River region of WA would evolve into a movement leading the charge on marine debris across the nation for the next two decades. As I reflect on this journey, I am both humbled and immensely proud of what we've achieved through the Australian Marine Debris Initiative® (AMD). Our success has been built on the foundation of collaboration, dedication, and innovation. Of course, there is still much work to be done.

Plastics and other waste continue to pour into our oceans, and the challenge of cleaning up what's already out there remains daunting. However, it's important to pause and recognise just how far we've come. We've not only raised awareness about marine debris but have also driven meaningful change through citizen science data that has shaped legislation, influenced industry best practices, and fostered education, behaviour change, and innovation. This year holds particular promise as the UN Plastics Treaty negotiations are expected to be finalised.



HEIDI TAIT

CEO AND MANAGING DIRECTOR

We're hopeful that a global, legally binding framework will be established to curb plastic pollution, especially focusing on reducing plastic production.

As we celebrate the 20th anniversary of the WA Beach Clean-up—where it all began in Margaret River—I was thrilled to reunite with some of the original team members from 2004. This celebration extends to all our AMDI partners, volunteers, supporters, and staff. While we still have a long way to go in achieving our mission to prevent and remove marine debris, the heartbeat of our organisation remains strong, and our team and network continue to grow. We are well-positioned to maintain our role as a global leader in addressing the marine debris crisis into the next 20 years.

Photo credit: Chloe Sipeki, Esperance Weekender

EXECUTIVE SUMMARY

The 2024 Western Australian Beach Clean-up marked the 20th anniversary of Tangaroa Blue Foundation's longest-running community-driven environmental initiative. This milestone event saw record-breaking participation, with over 2,000 volunteers from 60 organisations, schools, and community groups dedicating 3,855 hours — valued at over \$162,397 to remove more than 7.2 tonnes of marine debris from nearly 158 km of Western Australia's coastline.

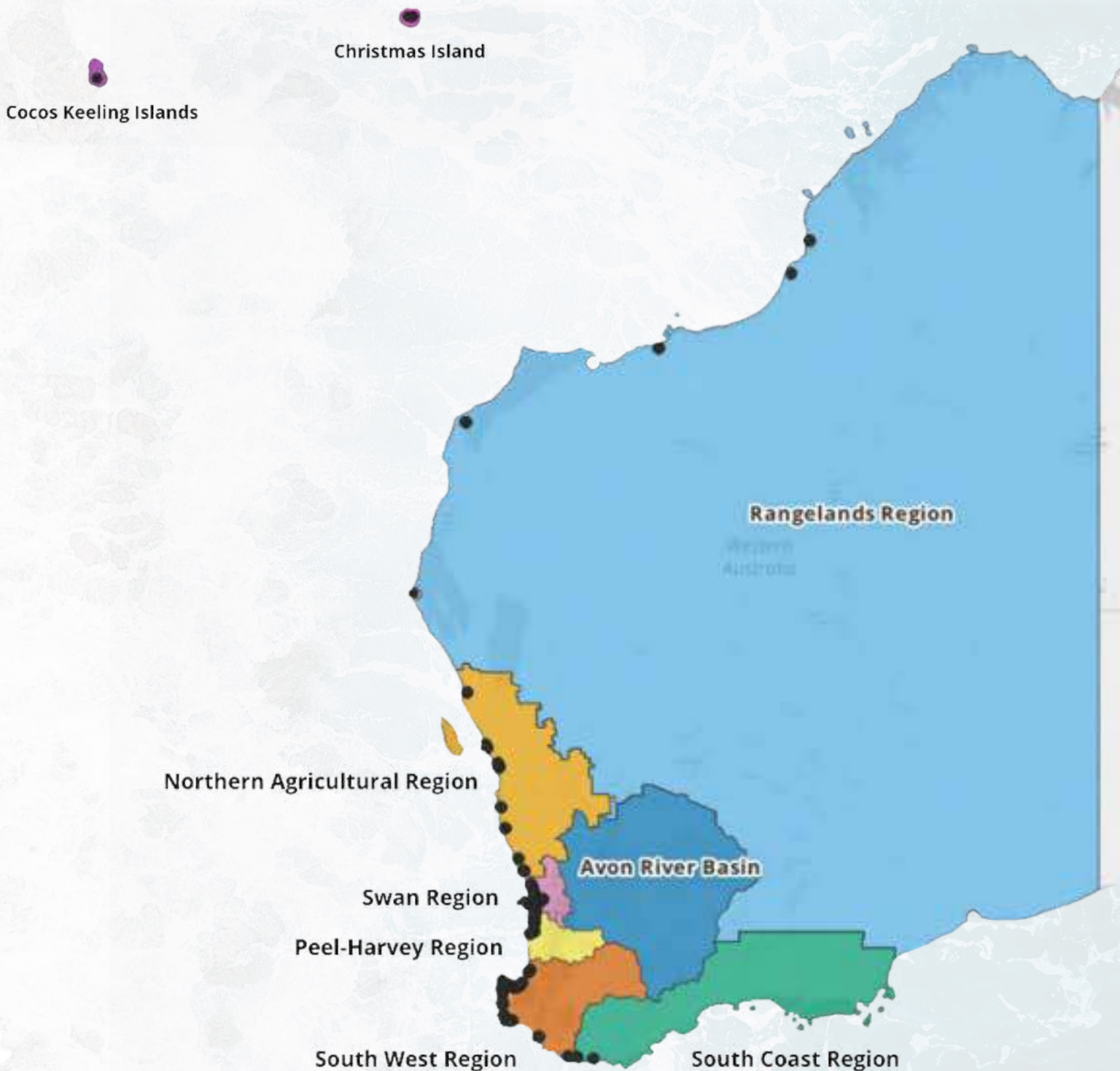
This report presents statistics from the 2024 Western Australia Beach Clean-up, collected by community volunteers and collated into the Australian Marine Debris Initiative (AMDII) Database, with key findings across the seven Natural Resource Management (NRM) regions.

This report not only highlights the scale of community participation, long-term efforts and partnerships but also provides valuable insights into marine debris trends, helping to inform future clean-up efforts, source reduction and marine conservation strategies across Western Australia.

Pictured: Volunteers at the Margaret River Brewhouse Sip 'n Sort session sift through debris, including some South West locals who have been part of the event since its inaugural year in 2005!



WA NRM REGIONS AND CLEAN-UP LOCATIONS








● Clean-up locations
Map not to scale.

WHAT IS THE WA BEACH CLEAN-UP?

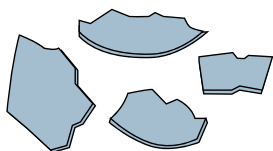
The annual October WA Beach Clean-up (WABCU), held since 2005, has evolved into a state-wide effort from a smaller Cape to Cape Clean-up event. WABCU has engaged over 21,000 passionate volunteers from NRM organisations, Coastcare groups, Indigenous Land and Sea Rangers, businesses, schools, and local communities dedicated to preventing marine debris and its harmful impacts on our environments. The community mobilises across the state by 4WD, kayak, paddleboard, and on foot to clean-up some of the most remote and stunning coastlines and rivers across Western Australia. Our collective efforts since 2004 have resulted in nearly 2000 clean-up collections, 88 tonnes of debris, and 1.8 million items audited into the AMDI Database.

As a result of community efforts, data collation and analysis of debris composition, not only has awareness about the levels of plastic pollution increased, but the dataset has been used as evidence to drive change in policy and to define strategies that prevent the release of pollutants into the environment.

#WABCU		2024	2023	2022	2021
	NUMBER OF EVENTS HELD	145	98	89	100
	NUMBER OF VOLUNTEERS	1,931	1,412	1,641	1,439
	VOLUNTEER HOURS	3,855	3,081	3,129	3,806
	DISTANCE COVERED (KM)	158	166	162	215
	WEIGHT REMOVED (KG)	7,240	3,517	4,646	3,230

TOP 10 ITEMS

1



Hard plastic remnants
29,715 items (47.6%)

2

Lids and bottle caps, pump spray, flow restrictor & similar
6,013 items (9.7%)



3

Plastic packaging food (wrap, packets, containers)
4,829 items (7.7%)



4



Cigarette butts & filters
4,519 items (7.2%)

5



Soft plastic film remnants
4,034 items (6.5%)

6



Synthetic rope & net scrap remnants (less than 1 metre)
3,916 items (6.2%)

7



Paper & cardboard packaging
3,289 items (5.2%)

8

Miscellaneous paper, labels & tickets
2,380 (3.8%)



9



Glass or ceramic (broken)
2,041 items (3.2%)

10

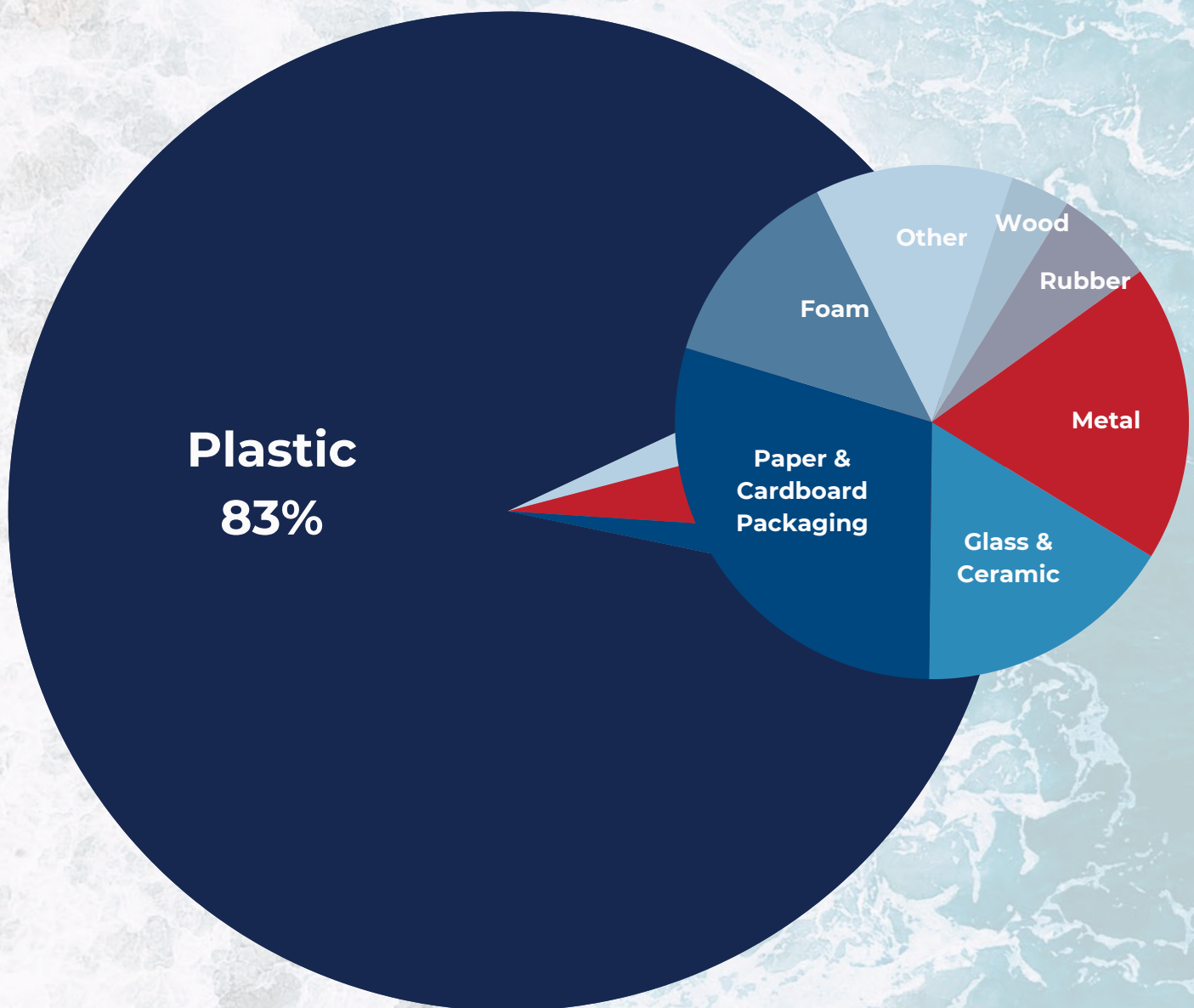


Plastic straws, confection sticks, cups, plates & cutlery
1,867 items (2.9%)

TOP 10 MATERIALS

INCLUDING THE INDIAN OCEAN TERRITORIES

Plastic was the most common material, comprising 83% of the items, followed by paper and cardboard packaging at 5%, glass and ceramics at 3%, and metal at 3%. All other material types (rubber, wood and other) accounted for less than 2% of the total.



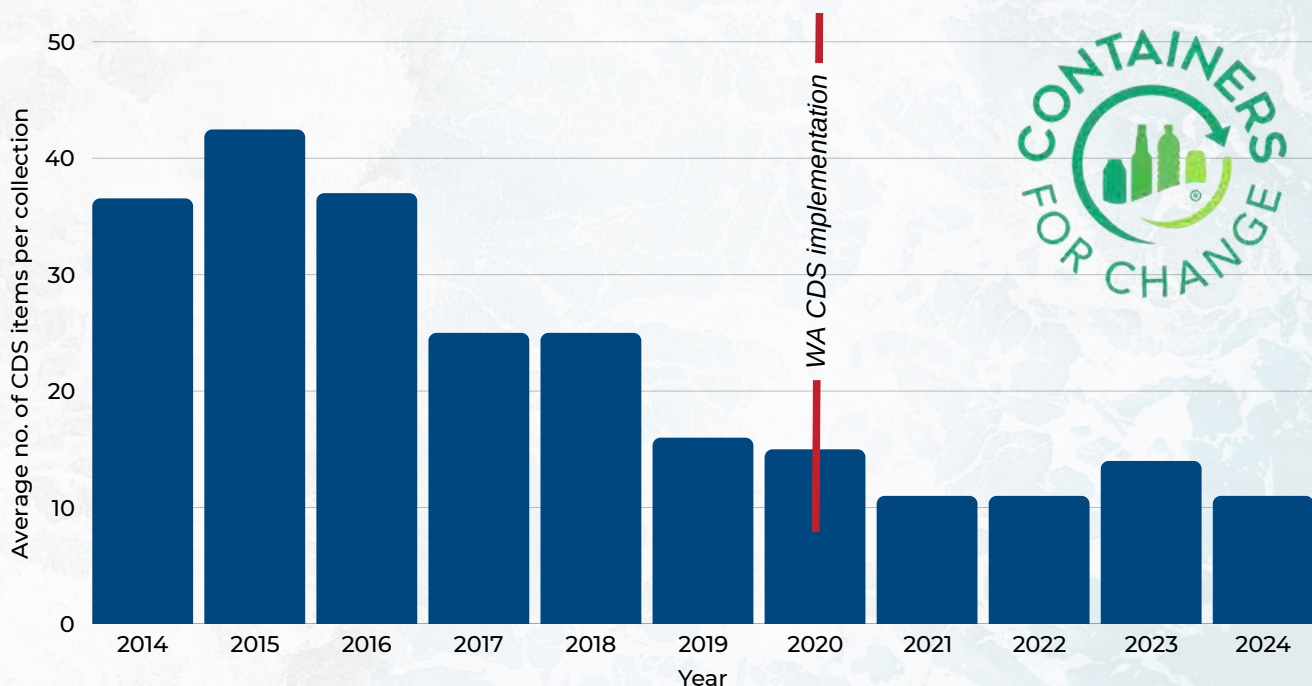
*Other is a broad category that includes sanitary items (tissues, nappies, condoms, cotton buds), food scraps, building and trades materials, organic materials, oil globules and tar balls, boat parts, wreckage & remnants, shoe parts (leather and fabric), electronics (appliances and batteries), personal effects (wallets, money, keys, jewellery), soap, dry lubricant & glue, pet handling & care items, weather balloon parts, wax (surf wax, candles, paraffin and similar), unspecified non-plastic items and unidentified substances.

CONTAINERS FOR CHANGE

Containers for Change launched the Container Deposit Scheme (CDS) in WA in 2020 and offers a 10-cent refund for each eligible beverage container recycled to encourage more residents to participate in reducing waste.

In 2024, Containers for Change became a sponsor of the WABCU, recognising our shared goal of preventing and removing litter from our environment. Since WABCU began, the number of CDS-related items per clean-up event has decreased (from 37 per event in 2014 to 15 in 2020). Since the CDS launch in 2020, this number has reduced further.

The AMDI Database helps track the scheme's impact on litter reduction, demonstrating the program's role in creating a cleaner environment in WA.



The graph above illustrates the average number of CDS items from the AMDI Database collected per clean-up event from 2014 to 2024 in Western Australia. A key trend observed is a significant decline in CDS items following the implementation of WA's CDS program in 2020, indicated by the red line.

Pictured: Volunteers putting supplied Containers for Change bags to good use at Quinns Beach, Perth. Credit: One Tonne Imo Project

CLEAN-UP DETAILS PER NRM

This report presents an overview of marine debris removal efforts across seven Natural Resource Management (NRM) regions in Western Australia, including the Indian Ocean Territories (IOT), Rangelands, Northern Agricultural, Swan Region, Peel-Harvey, South West & South Coast regions. By focusing on these regions, the report provides a structured summary of the overall outcomes of clean-up events per NRM.

The data helps assess the impact of marine debris in different Western Australia coastal areas, and recognises the contributions of volunteers across the NRM regions.

TABLE 1: OVERALL WABCU EVENT RESULTS BY NRM REGION						
Regions	No. of Events	Volunteer No.	Weight (kg)	Total Items	Debris Density (per m2)	LSSI % local : offshore
Indian Ocean Territories	3	84	315.05	7,679	2.30	12 : 87
Rangelands	9	144	1,667.5	2,515	0.02	60 : 40
Northern Agricultural	33	479	1,573.3	11,697	0.13	33 : 67
Swan Region	32	326	416.6	48,406	9.41	85 : 15
Peel-Harvey	3	256	348	2,102	0.01	96 : 4
South West	48	467	2,866.6	40,512	0.32	63 : 64
South Coast	17	175	53.25	4,691	1.01	25 : 75

Table 1 highlights key metrics such as the number of events, volunteers, weight of debris collected, total items, debris density, and land-sea source index (LSSI). The South West region recorded the highest weight of debris (2,866.6 kg) and a significant number of items collected (40,512). The Swan Region had the greatest number of total items collected (48,406) and the highest debris density (9.41 per m²), suggesting a higher concentration of pollution data showing a high number of microplastics in the NRM.

TOP 10 ITEMS BY NRM REGION

This top 10 item list records macro-items larger than 5mm in size, in some locations microplastics were also observed and their density rating has also been listed below.

	INDIAN OCEAN TERRITORIES	RANGELANDS	NORTHERN AGRICULTURAL
1	Hard plastic remnants	Soft plastic film remnants	Synthetic rope & net scraps remnants less than 1m
2	Paper & cardboard packaging	Glass or ceramic broken	Hard plastic remnants
3	Plastic food packaging (wrap, containers)	Plastic lids/bottle caps, pump spray/flow restrictor/ similar	Plastic food packaging (wrap, containers)
4	Cigarette butts & filters	Aluminium cans	Foam buoys (whole and parts)
5	Foam insulation & packaging (whole and remnants)	Plastic food packaging (wrap, containers)	Miscellaneous paper, labels & tickets
6	Synthetic rope & net scraps remnants less than 1m	Paper & cardboard packaging	Plastic lids/bottle caps, pump spray/flow restrictor/ similar
7	Plastic lids/bottle caps, pump spray/flow restrictor/ similar	Cigarette butts & filters	Plastic drink bottles (water, juice, milk, soft drink)
8	Miscellaneous paper, labels & tickets	Plastic drink bottles (water, juice, milk, soft drink)	Glass or ceramic broken
9	Metal bottle caps, lids & pull tabs	Plastic bags (supermarket, garbage, dog poo & ice)	Soft plastic film remnants
10	Soft plastic film remnants	Sanitary (tissues, nappies, condoms, cotton buds)	Plastic wrap non-food (bubble wrap etc)
	Microplastics not audited	Microplastics not audited	Microplastics not audited

TOP 10 ITEMS BY NRM REGION

	SWAN REGION	PEEL-HARVEY	SOUTH WEST	SOUTH COAST
1	Hard plastic remnants	Hard plastic remnants	Hard plastic remnants	Hard plastic remnants
2	Paper & cardboard packaging	Cigarette butts & filters	Plastic lids/bottle caps, pump spray/flow restrictor/ similar	Burnt plastic remnants
3	Plastic food packaging (wrap, containers)	Soft plastic film remnants	Soft plastic film remnants	Plastic food packaging (wrap, containers)
4	Cigarette butts & filters	Plastic food packaging (wrap, containers)	Synthetic rope & net scraps remnants less than 1m	Plastic lids/bottle caps, pump spray/flow restrictor/ similar
5	Foam insulation & packaging (whole and remnants)	Miscellaneous paper, labels & tickets	Miscellaneous paper, labels & tickets	Synthetic rope & net scraps remnants less than 1m
6	Synthetic rope & net scraps remnants less than 1m	Metal bottle caps, lids & pull tabs	Glass or ceramic broken	Foam insulation & packaging (whole and remnants)
7	Plastic lids/bottle caps, pump spray/flow restrictor/ similar	Glass or ceramic broken	Plastic food packaging (wrap, containers)	Plastic wrap non-food (bubble wrap etc)
8	Miscellaneous paper, labels & tickets	Paper & cardboard packaging	Paper & cardboard packaging	Paper & cardboard packaging
9	Metal bottle caps, lids & pull tabs	Foil wrappers, packets, bladders & alfoil	Cigarette butts & filters	Cigarette butts & filters
10	Soft plastic film remnants	Sanitary (tissues, nappies, condoms, cotton buds)	Plastic drink bottles (water, juice, milk, soft drink)	Rubber remnants
	Highly significant microplastics found	Microplastics not audited	Significant microplastics found	Significant microplastics found

WABCU 2024 COMMUNITY CHAMPIONS

The annual WA Beach Clean-up provides an opportunity for the community to come together and tackle marine debris and plastic pollution in their priority areas.

One event from each NRM region has been chosen to showcase the community support, collaboration and effort of the annual WA Beach Clean-up event. A full list of supporting community organisations and clean-up locations is available at the end of this report.

More than 60 organisations and schools across the state supported the WABCU24 event. A big thank you goes out to our major sponsors for their continued support: Keep Australia Beautiful WA, Tallwood Custom Built Homes, Containers for Change WA, Southern Ports and GHD.

Pictured: Long time supporter, Gage Roads Brewing, and 2024 WABCU Sponsor Containers for Change WA joined us to clean-up Coogee Beach
(Credit: Tori Lill - Gage Roads Brewing)



INDIAN OCEAN TERRITORIES

GUN CLUB (WEST ISLAND), COCOS (KEELING) ISLANDS

Pictured: Volunteers on Gun Club Beach on West Island.

A great crew of locals and visitors came together on the Cocos Keeling Islands (CKI) to join the WABCU and celebrate 20 years of Tangaroa Blue. Tangaroa Blue has been connected to the islands over the last 15 years through school education programs, community clean-up events, volunteer campaigns, marine debris projects, and currently, the CKI Marine Debris Initiative, which is bringing coastal monitoring and source reduction projects to the islands.

This event paid special tribute to Cat McCartney, a cherished local who was one of the founding members of Tangaroa Blue. The Cocos Islands became a special place for Cat and her family to call home. She loved being out on the water, exploring the atoll with her boys and immersing herself in the underwater world. Cat was passionate about the foundation and our work, and she was dedicated to protecting our oceans and marine life for future generations. The crew collected a good haul of marine debris in her honour.

EVENTS: 2

VOLUNTEERS: 63

VOLUNTEER HOURS: 76.5

2





314  kg

TOTAL ITEMS

7,574



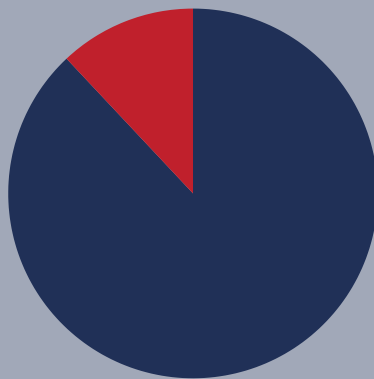
DEBRIS
DENSITY

0.006 PIECES
PER M²

LAND SEA
SOURCE
INDEX

12:88

 Land  Sea



TOP ITEMS



Hard plastics remnants



Lids and bottle caps,
pump spray, flow
restrictor & similar



Plastic straws, confection
sticks, cups, plates &
cutlery

4

Rubber footwear &
thongs

5

Plastic drink bottles
(water, juice, milk, soft
drink)

6

Soft plastic film
remnants

7

Synthetic rope & net
scraps remnants less
than 1 metre

8

Plastic bleach &
cleaner bottles and
containers

9

Rubber remnants

10

Plastic packaging
food (wrap, packets,
containers)

Top: Volunteer with debris who cleaned-up the Gun Club Beach on West Island.
Right: Debris found during the clean-up.

RANGELANDS

BYGNUNN & CHILE CREEK BEACHES

The DBCA's Bardi Jawi Gaarra Marine Park (BJGMP) team, in collaboration with the Bardi Jawi Indigenous Protected Area (IPA) Rangers, organised two clean-ups at Bygnunn and Chile Creek Beaches in celebration of the 20th anniversary of the WA Beach Clean-up.

This was the first time debris from these sites was recorded in the AMDI Database, providing valuable new data on marine debris in the Rangelands NRM region. The Bardi Jawi and Bardi Jawi Oorany Rangers found a number of discarded pearling floats, highlighting the ongoing need for targeted clean-up and source reduction efforts.

This collaboration enhances our understanding of regional marine debris and continues to grow the number of organisations in the AMDI network.

EVENTS: 2

VOLUNTEERS: 15

VOLUNTEER HOURS: 22.5



Pictured: The clean-up team for Bygnunn Beach made up of Bardi Jawi and Bardi Jawi Oorany IPA Rangers and DBCA's BJGMP team.



25 



DEBRIS DENSITY

0.004

PIECES PER M²

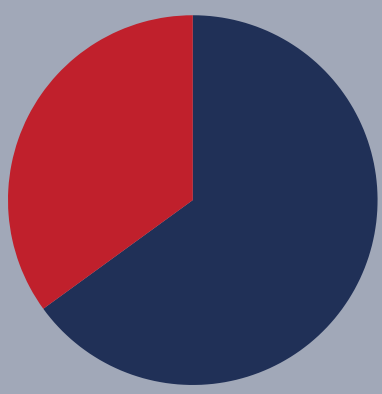
TOTAL ITEMS

390

LAND SEA SOURCE INDEX

35:65

Land Sea



TOP ITEMS

FIRST



Plastic drink bottles (water, juice, milk, soft drink)

SECOND



Hard plastic remnants

THIRD



Lids and bottle caps, pump spray, flow restrictor & similar

4	Rubber footwear & thongs	5	Soft plastic film remnants	6	Aluminium cans	7	Foil wrappers, packets, bladders & alfoil
8	Glass beverage bottles	9	Foam insulation & packaging (whole and remnants)	10	Paper & cardboard packaging		

Top: DBCA BJJMP Ranger, Anthony Richardson, at the Bygunn Beach clean-up.
 Right: DBCA BJJMP Ranger team at the Chile Creek Beach clean-up. Credit: DBCA WA

NORTHERN AGRICULTURAL

THE HOUTMAN ABROLHOS ISLANDS

Pictured: Commercial fishing waste on the Abrolhos Islands. Credit KAB WA.

In celebration of the WA Beach Clean-Up's 20th anniversary, a collaborative effort took place from September 17–19 across 24 islands within the Houtman Abrolhos archipelago. This large-scale clean-up brought together Project Coordinator Casey from Tangaroa Blue Foundation, alongside key partners including Keep Australia Beautiful WA, the Department of Biodiversity, Conservation and Attractions (DBCA) Midwest, Central Regional TAFE, and Yamatji Southern Regional Corporation. Two vessels, DBCA staff, TAFE students, and Sea Rangers from the Yamatji Southern Regional Corporation supported the event.

The crew faced the technical challenges of operating 60 km offshore but made remarkable progress, removing over 1.3 tonnes of marine debris in under three days. The majority of the debris comprised of fishing ropes, floats, water bottles, and large items such as drums and pallets. Additional data on fishing floats was recorded for the Northern Agricultural Catchment Council's Fishing Floats project.

EVENTS: 24

VOLUNTEERS: 204

VOLUNTEER HOURS: 316





1,352  kg

TOTAL ITEMS
5,232



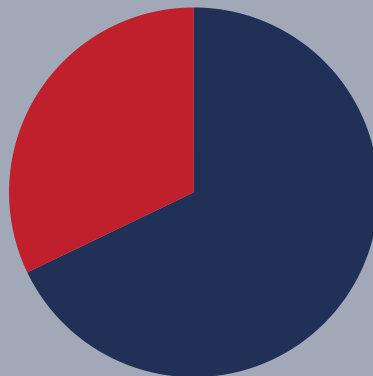
**DEBRIS
DENSITY**

0.061 PIECES
PER M²

LAND SEA
SOURCE
INDEX

33:70

 Land  Sea



TOP ITEMS

FIRST



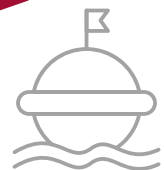
Synthetic rope & net scraps
remnants less than 1 metre

SECOND



Hard plastic remnants

THIRD



Foam buoys
whole and parts)

4

Plastic drink bottles
(water, juice, milk, soft
drink)

5

Lids and bottle caps,
pump spray, flow
restrictor & similar

6

Glass or ceramic
broken

7

Commercial fishing
remnants (float, pot,
crate bits)

8

Soft plastic film
remnants

9

Foam insulation &
packaging (whole and
remnants)

10

Synthetic rope over
1m

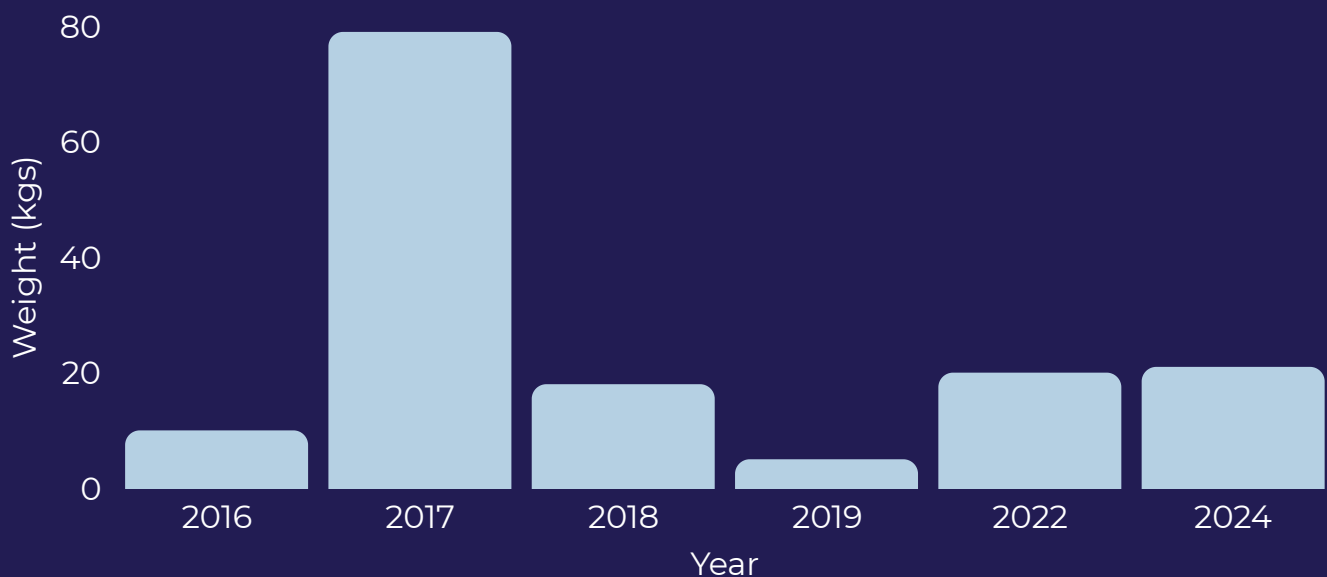
Top: Volunteers at the Abrolhos Islands Clean-up. Credit KAB WA.
Right: The team from Keep Australia Beautiful Council WA, Central Australia Beautiful Council WA, Central Regional TAFE, Department of Biodiversity, Conservation, and Attractions Midwest Region WA, Yamatji Southern Regional Corporation and Tangaroa Blue.

SWAN RIVER

WOODMAN POINT

For the second year, GHD and the City of Cockburn teamed up with Tangaroa Blue Foundation for a marine debris clean-up at Woodman Point Regional Park. With a strong commitment to protecting WA's coastline, GHD staff and City of Cockburn volunteers were joined by 34 dedicated participants committed to helping clean-up their local environment. They removed 21 kg of marine debris, totalling 1,056 items. One notable discovery included a 32-metre rope with foam buoys.

A highlight was seeing younger generations involved in the clean-up. As Lopa Mudra S. Pandey, a GHD volunteer, shared, "My five-year-old daughter joined me, gaining hands-on experience in sustainability. She learned about the impacts of litter on marine life and came away with positive environmental habits that will last a lifetime."



Graph shows total weight of debris in kilograms collected from Woodman Point Regional Park clean-up events since 2016.

EVENTS: 1

VOLUNTEERS: 34

VOLUNTEER HOURS: 34



21 



TOTAL ITEMS

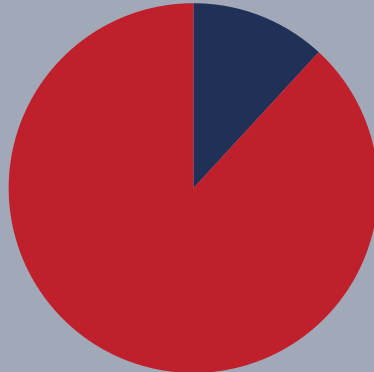
1,056

 **DEBRIS DENSITY** 0.008 **PIECES PER M²**

LAND SEA SOURCE INDEX

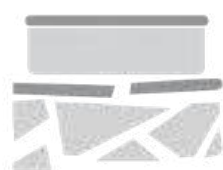
85:11

 Land  Sea





TOP ITEMS

FIRST




Hard plastic remnants

SECOND



Plastic packaging food (wrap, packets, containers)

THIRD



Synthetic rope & net scraps remnants less than 1 metre

Top: City of Cockburn's Waste Education Coordinator, Maryline Cassou, with the 32-m rope found at Woodman Point. Credit: GHD. Right: GHD WA Beach Clean-Up event at Woodman Point, Perth.

PEEL-HARVEY

COODANUP FORESHORE

Pictured: Mandurah Community Volunteers. Credit: Coastal Waste Warriors

Luca's Legacy is held in memory of a dolphin calf, Luca, who died in 2019 after becoming entangled in a fishing line in Mandurah. This event has been running annually as part of the WA Beach Clean-Up in partnership with environmental organisations, businesses, and community groups. Volunteers scoured the coast at Dawesville Cut, Creery Wetlands, and Boundary Island to remove an incredible 272 kg across the sites, preventing over 5,000 items from entering the waterways.

Tangaroa Blue proudly launched the Tackle Back as part of the Rig Recycle program. Tackle Back Mandurah is funded by the City of Mandurah, TackleWorld Miami, Coastal Waste Warriors, and Estuary Guardians Mandurah and supported by WA Seabird Rescue and Recfishwest.

This year, the event was made special by the attendance of Heidi Tait, the CEO and founder of Tangaroa Blue, Rhys Williams, the Mayor of Mandurah, and RecFishWest representatives.

EVENTS: 1

VOLUNTEERS: 198

VOLUNTEER HOURS: 297

2





272 



**DEBRIS
DENSITY**

0.006

**PIECES
PER M²**

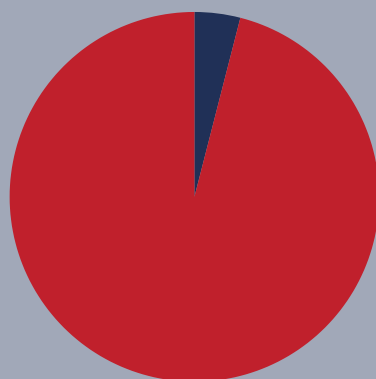
TOTAL ITEMS

5,238

**LAND SEA
SOURCE
INDEX**

96:4

 Land  Sea



TOP ITEMS

FIRST



Cigarette butts
& filters

SECOND



Plastic food
packaging

THIRD



Paper & cardboard
packaging

4 Plastic film remnants

5 Hard plastic remnants

6 Plastic bags
supermarket,
garbage, dog poo &
ice

7 Recreational fishing
line

8 Metal bottle caps, lids
& pull tabs

9 Miscellaneous paper,
label, & tickets

10 Plastic lids & bottle
caps

Top: The launch of Rig Recycle's Tackle Back in WA at the Luca's Legacy clean-up.
Right: The Tackle Back

SOUTH WEST

BUSSELTON JETTY UNDERWATER CLEAN-UP

Pictured: Volunteers before the underwater clean-up. Credit: Dean Jones

The Busselton Jetty is a historic wooden pier located in Busselton, Western Australia. It extends 1.8 kilometres into the Indian Ocean, making it one of the longest wooden jetties in the world. Built in the 19th century to support the local timber industry, it has become a popular tourist attraction.

The jetty features an Underwater Observatory, allowing visitors to view marine life and coral reefs without getting wet. At the end of the jetty, an interpretive centre provides information on the jetty's history, marine ecosystems, and conservation efforts. The Busselton Jetty is not only a recreational and educational site but also an important marine conservation area, offering snorkelling, diving, and fishing opportunities, along with events like the annual Busselton Jetty Swim and this year for the 20th anniversary of WABCU, an underwater clean-up.

This year, 17 dedicated volunteers removed 46 kilograms of debris from along the jetty, helping to protect the surrounding marine life and preserve the jetty's unique ecosystem. The clean-up efforts are part of an ongoing commitment to maintaining the area's natural beauty and ecological health, ensuring visitors can continue enjoying the jetty's vibrant underwater landscapes and recreational opportunities.

EVENTS: 1

VOLUNTEERS: 17

VOLUNTEER HOURS: 42

2





46 

TOTAL ITEMS
280



DEBRIS
DENSITY

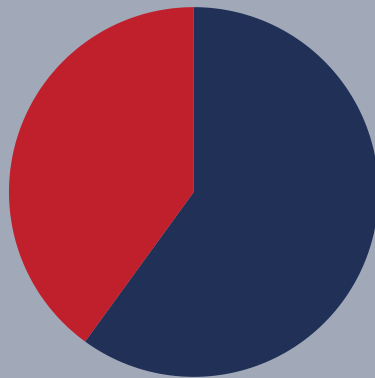
0.024

PIECES
PER M²

LAND SEA
SOURCE
INDEX

40:60

 Land  Sea



TOP ITEMS



Recreational fishing items



Broken glass or ceramic



Plastic packaging food
(wrap, packets, containers)

4

Plastic electrical
cable, connectors &
fittings

5

Chemical light sticks

6

Glass wine, spirit &
similar bottles

7

Bait containers and
lids & bait savers

8

Recreational drug
implements and
utensils

9

Metal items outdoor
equipment,
implements &
furniture

10

Glass beverage
bottles

SOUTH COAST

PICNIC COVE, ESPERANCE

Pictured: The ETNTAC crew cleaning up Picnic Cove.

For the second year, the Esperance Tjaltjraak Native Title Aboriginal Corporation (ETNTAC) and Tangaroa Blue Foundation collaborated on a clean-up at Picnic Cove near Kepa Kurl (Esperance).

Heidi Tait, CEO, and Brett Tait, Business Development Manager, attended the event as part of WABCU's 20th anniversary celebrations.

The team removed 3.5 kg of debris from 850 m of coastline, including a significant number of microplastics. The cleanliness of the Kepa Kurl region beaches is a tribute to the regular clean-ups by not only the ETNTAC crew and the support of Dr Jennifer Lavers but also all community efforts, highlighting the strong environmental stewardship of Wudjari Country.

EVENTS: 1

VOLUNTEERS: 16

VOLUNTEER HOURS: 48





3.5 

TOTAL ITEMS
2,484



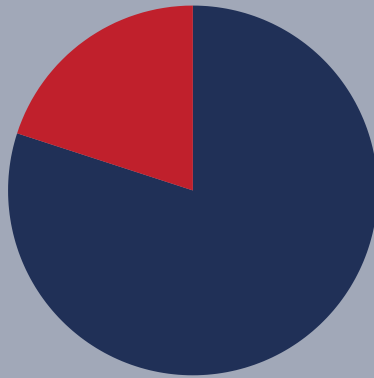
DEBRIS
DENSITY

0.116 PIECES
PER M²

LAND SEA
SOURCE
INDEX

20:80

 Land  Sea



TOP ITEMS

FIRST



Plastic pieces
(hard & solid)

SECOND



Foam insulation & packaging
(whole and remnants)

THIRD



Burnt plastic remnants

4

Plastic lids & tops,
pump spray, flow
restrictor & similar

5

Plastic film remnants

6

Rope & net scraps
(<1m)

7

Rubber remnants

8

Foam buoys (whole
and part)

9

Weather balloon
parts

10

Broken glass pieces

Top: Entering data into the AMDI App with Tangaroa Blue Foundation CEO, Heidi Tait.
Right: Microplastics found on the beach.

CONTRIBUTING ORGANISATIONS

Tangaroa Blue Foundation thanks Keep Australia Beautiful WA, Tallwood Custom Built Homes, Southern Ports, GHD, Containers for Change and local government authorities around the state, as well as the dedicated volunteers for their ongoing support for this annual event. We would also like to give special thanks to the team from the University of Western Australia Guild micro-volunteering program who helped pack the clean-up kits again this year.

- Augusta Community Development Association
- Bardi Jawi and Bardi Jawi Oorany IPA Rangers
- Binningup Coastcare and Environment Group
- Birdlife Midwest Geraldton
- Blue Crew
- Bottle Top Hill
- Busselton Senior High School
- Cambridge Coastcare
- Care for Hedland Environmental Association Inc
- CI Adventurers
- City of Cockburn
- Clean Blue Sea
- Coastal Waste Warriors
- Department of Biodiversity, Conservation and Attractions (DBCA)
- Bardi Jawi Gaarra Marine Park Rangers
- Dongara Denison Surf Lifesaving Club
- East Augusta Foreshore Friends
- Esperance Tjaltjraak Native Title Aboriginal Corporation (ETNTAC)
- Faith Community Church
- Fremantle Sailing Club Inc
- Friends of Hillarys and Kallaroo Foreshore
- Friends of the Cape to Cape Track
- Gage Roads Brewing
- GHD Albany Branch
- Greenough River Friends
- Hospitable
- Island Care
- ISWA Year 6 Ignite
- Kalbarri District High School
- Keep Australia Beautiful WA
- Kinross Scout Group
- Leaning Tree Steiner School
- Mantra Frangipani
- Margaret River Future Council
- Margaret River Brewhouse
- MCC Sustainable Futures
- Natures Atelier Families
- Ocean Remedy
- One Tonne Imo Project
- Paspaley Pearling Company
- Pemberton Discovery Tours
- Perth NRM
- Pilbara Ports
- Prevelly Penguins
- Quinns Rocks Environmental Group
- Roebuck Primary School
- Salty Frogs Beach Clean Up
- Sea Shepherd Marine Debris Campaign
- Secret Harbour Coastal Crew
- South West Baha'i Family Camp
- Swanbourne Coastal Alliance
- Tangaroa Blue Foundation
- The Leisure Collective
- Track Care WA
- Underwater Explorers Club of Western Australia
- Unique Group Australia
- Walk Into Luxury
- Wanneroo Secondary College
- WA Return, Recycle, Renew
- Wedge Island Protection Association
- West Pilbara Turtle Program
- Yamatji Southern Regional Corporation

CLEAN-UP LOCATIONS BY NRM

NORTHERN AGRICULTURAL

Bynoe Island, Eastern Islands, Houtman Abrolhos
Campbell Island, Eastern Islands, Houtman Abrolhos
Cape Burney Foreshore, Greenough River Drummond Cove
Gilbert Island, Eastern Islands, Houtman Abrolhos
Gun Island, Houtman Abrolhos Islands
Helms Island, Eastern Islands, Houtman Abrolhos
Joe Smith Island, Eastern Islands, Houtman Abrolhos
Kalbarri Estuary Foreshore
Keru Island, Eastern Islands, Houtman Abrolhos
Leo Island, Eastern Islands, Houtman Abrolhos
Little Leo Island, Eastern Islands, Houtman Abrolhos
Little North Island, Eastern Islands, Houtman Abrolhos
Little Stokes Island, Eastern Islands, Houtman Abrolhos
Little White Island, Eastern Islands, Houtman Abrolhos
Morley Island, Houtman Abrolhos Islands
North Binou, Eastern Islands, Houtman Abrolhos
Port Denison
Sandy Island, Eastern Islands, Houtman Abrolhos
Shearwater Island, Eastern Islands, Houtman Abrolhos
South West Helms Island Eastern Islands, Houtman Abrolhos
Stokes Island, Eastern Islands, Houtman Abrolhos
Suomi Island, Eastern Islands, Houtman Abrolhos
Tapani Island Two, Eastern Islands, Houtman Abrolhos
Wedge Island
White Island, Eastern Islands, Houtman Abrolhos
Wooded Island, Eastern Islands, Houtman Abrolhos

RANGELANDS

6 Mile Beach, Port Hedland
Augustus Island, East Kimberley
Bells Beach , Point Samson West
Bygnunn Beach
Cable Beach, Minyirr Buru Conservation Estate
Chile Creek Beach - Jilirr
Eucla Jetty
Gantheaume Point Beach, Broome
Pretty Pool River and Beach, Port Hedland

SWAN RIVER

Alkimos Beach,
Bathers Beach, Fremantle
Bicton Baths Foreshore
Challenger Beach
City Beach
City of York Bay Beach
Coogee Beach
Cottesloe Beach
CY O'Connor Beach
Fairbridge Bluff, Rottnest Island
Fremantle Fishing Boat Inner Harbour Infrastructure
Fremantle Sailing Club
Iluka Beach
Lake Joondalup Nature Reserve
Leighton Beach
Mettams Pool to Hammersley Pool
Minim Cove, Mosman Park
Point Walter Reserve
Quinns Beach, Quinns Rocks
Rosslare Park Beach
Scarborough Beach
South Beach, Fremantle
South Perth Foreshore
Tom Simpson Park, Mullaloo
Trigg Beach
Whitfords
Woodman Point Regional Park, Coogee

CLEAN-UP LOCATIONS BY NRM

SOUTH WEST

Augusta Waterwheel to Quarry Bay, Augusta
Binningup Beach
Boranup Beach, Karridale
Busselton Jetty
Castle Rock
Conto Spring
Curtis Bay
Donnelly River Mouth
Dunsborough Town Beach
Elizabeth Street Drain, Busselton
Ellensbrook
Forrest Beach, Capel
Gas Bay
Gas Bay to Gnarabup
Geographe Foreshore
Jays Beach
Koombana Bay, Bunbury
Koombana Inner Foreshore, Bunbury
Left Handers Beach, Gracetown
Lighthouse Beach and Other Side Of The Moon
Little Long Point
Long Point
Mandalay Beach
Meelup Beach
Mufflers Beach
Peppermint Grove Beach, Capel
Point Picquet
Quarry Bay
Quinninup Beach
Redgate Beach
Rocky Point, Bunbury
Shelly Cove, Dunsborough
Skippy Rock Beach
Swan Lakes, East Augusta
The Aquarium Surf Spot, Yallingup
Turkey Point, Bunbury
Windmills
Wonnerup Beach
Yallingup Beach
Yeagarup Beach, Northcliffe

SOUTH COAST

4 Mile Beach, Hopetoun
Alexander Bay, Condingup
Bandy Creek
Eagles Nest Beach
Eagles Nest Beach & Sharp Rocks, William Bay WA
Fourth Beach, Esperance
Golden Gate Beach
Gull Rock Beach
Lights Beach, Denmark
Middleton Beach, Albany
Nanarup Beach Albany
Picnic Cove, Esperance
Thomas River Beach, Esperance
Wylie Bay, Bandy Creek

PEEL-HARVEY

Coodanup Foreshore
Dawesville Cut
Melros Beach
Port Bouvard Marina

INDIAN OCEAN TERRITORIES

Cocos Rumah Baru Jetty Foreshore, Cocos (Keeling) Islands
Gun Club, West Island, Cocos (Keeling) Islands
Sydney's Dale, Christmas Island

20 YEARS PROTECTING OUR OCEANS

WA BEACH CLEAN-UP

2024

Thank you to all the volunteers, organisations, and partners who have contributed to the WA Beach Clean-up over the past twenty years. Each and every one of you helps to make this impactful annual event a success.

www.tangaroablue.org



AUSTRALIAN
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