

ReefClean Online Workshop

Date of Workshop:	22 May 2020
Location:	Online
Project:	ReefClean Don't Dump on our Reef campaign
Campaigner:	Tom Godfrey
Coordinators:	Jules Lim, Vanessa Carey, Romayne Westwood
Partners:	Alexandra Earl, Douglas Shire Council

Introduction

Tangaroa Blue ran an online ReefClean Source Reduction Project (SRP) workshop on 22 May 2020 with the aim of reducing single-use plastic dog poo bags littered around The Great Barrier Reef. There were 11 attendees from local councils and community groups.

Project Description

The ReefClean Australian Marine Debris Initiative (AMDI) data shows single-use plastics such as dog poo bags are one of the top 10 items of litter found around the reef. From other community research¹, we know there are many different types of dog owners from those who pick up their dog's waste every time to those who don't pick up at all. Studies have shown that if someone feels they are being watched, they are more likely to pick up their dog's waste, bag, and bin it². The project aimed to draw attention to the issue of dog poo bag litter. In developing the campaign there was discussion around the ability to influence dog owners who mistakenly believe that dog poo itself is natural and is safe to be left where it fell. After due consideration, the workshop developed the *Don't Dump on our Reef* campaign to engage, inform and change the behaviour of dog owners. The campaign messages were:

- 1. Don't Dump on our Reef
- 2. Dog poo contains parasites. Stop the spread. Please bin it, thanks!

By engaging with dog owners in a hotspot location along the reef and promoting the campaign through local media, social media, vets, pet stores and council, we aimed to empower dog owners to make a more informed decision to pick up and bin their dog's waste.

¹ Paul Webley, Clare Siviter, Why Do Some Owners Allow Their Dogs to Foul the Pavement? The Social Psychology of a Minor Rule Infraction, Journal of Applied Social Psychology, vol. 30, issue 7, 31 July 2006

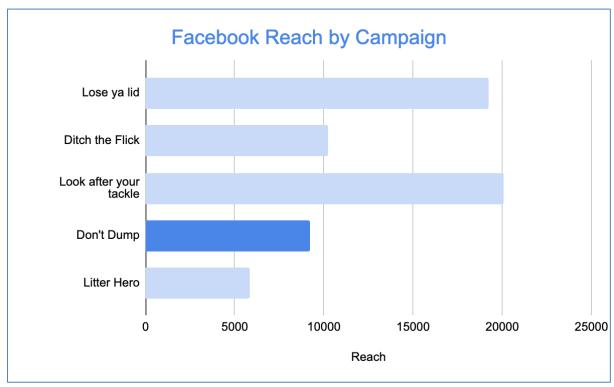
² Christopher Lowe, Karl Williams, *Environmental and social impacts of domestic dog waste in the UK: investigating barriers to behavioural change in dog walkers,* International Journal of Environment and Waste Management, vol. 13, no. 4, 2014

Current Status

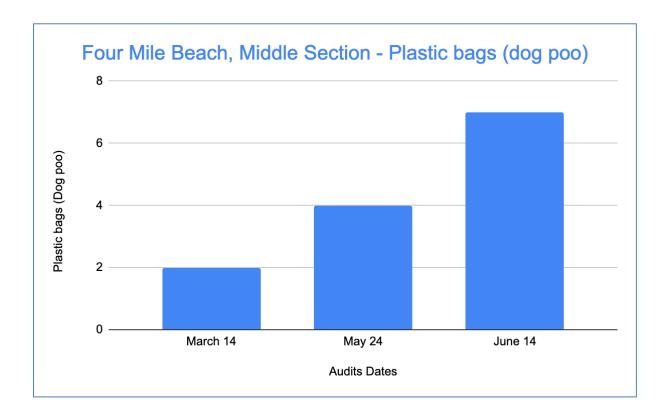
	Next Steps:	TO DO	Actions
Task 1	Digital workshop and weekly check-ins	Promote and host an online dog poo bag litter workshop on 22 May and facilitate weekly checkin meetings.	Completed
Task 2	Audit	Audit dog poo bags in Port Douglas from 24 May to 25 June.	Completed
Task 3	Design - physical assets	Design UV stable directional signage stickers for display on dog poo bag dispensers and bins.	Completed
Task 4	Design and write - social assets	Design and write weekly social media posts to promote the campaign on Facebook.	Completed
Task 5	Design and write - website landing page	Design and write the campaign website landing reefclean.org/dontdump.	Completed
Task 6	Design and write - Dog poo factsheet	Design and write dog poo factsheets for distribution online and through RSPCA, vets, pet stores and councils.	Completed
Task 7	Print - directional signage stickers	Print and distribute UV stable directional signage stickers to project officers.	Completed
Task 8	Display - directional signage	Gain council approval and display directional signage in hotspot location.	Completed
Task 9	Awareness - media management	Write and sell in local media releases featuring local dog owners in Port Douglas.	Completed
Task 10	Audit progress - weekly check-ins	Conduct regular audits at two locations along Four Mile Beach in Port Douglas to see if the campaign sticker signage and awareness has resulted in a reduction in dog poo bag litter.	Completed

Outcome and Data

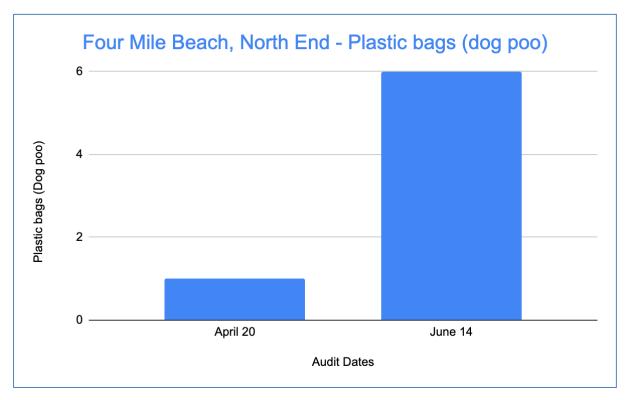
The ReefClean *Don't Dump on our Reef* campaign ran for four weeks and reached 9,345 people through Facebook and more through local media coverage (attached).



An audit program was implemented in two hotspot locations at Four Mile Beach in Port Douglas, the middle section and the North end. Three audits were completed in the middle section of the beach. Over the monitoring period we saw an increase in dog poo bag litter following the implementation of the campaign.



Two audits were also conducted at the North end Four Mile Beach, one on April 20 and one on June 14. Dog poo bag litter increased from 1 to 6 items following the implementation of the campaign.



Observations

It seems dog owners believe that dog poo is organic and does not pose a risk to The Great Barrier Reef. This mistaken belief results in many people failing to pick up and bin their dog's waste. During the audit period we saw an increase in dog poo bag litter. One factor for this increase may have

been the easing of COVID-19 restrictions which saw more people out and about with their dogs. We believe that if the UV stable stickers were able to be displayed for a longer period, supported by ongoing awareness of the issue, dog owners would begin to change their behaviour.

Challenges, barriers and opportunities

Gaining council approval for the UV stable directional signage stickers was a challenge and reduced length of time the stickers could be displayed. This ultimately decreased the effectiveness of the campaign. There is an opportunity to run the *Don't Dump on our Reef* campaign in other hotspots around the reef.

Budget

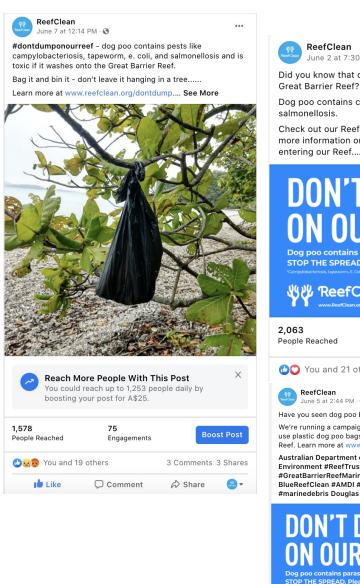
Organisation	Details	Amount
Campaign Coordination	Project Officer	\$150
Sticker Printing and Distribution	Directional signage stickers (UV stable)	\$19.20
Campaign Design and Development	Campaign and design support	\$4,667
In-kind Support	Partner & volunteer hours based at \$30/hr	\$1410
Total		\$6246.20

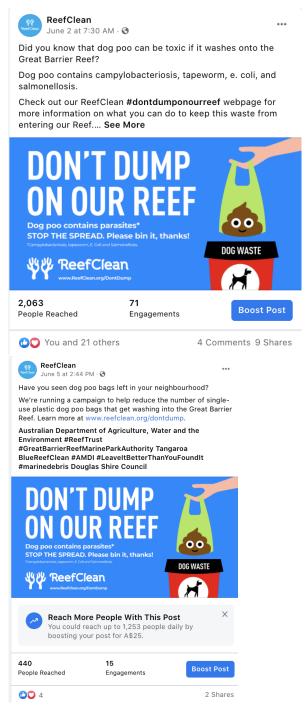
Closing Statement

If given enough time for the directional signage to be displayed, the ReefClean *Don't Dump on our Reef* campaign could prove an effective way to help inform the community about the impact of single-use plastic dog poo bags and dog poo itself on the reef. Empowering dog owners with more information about the environmental impact of dog poo on the reef will ultimately help to reduce dog waste litter.

Appendix

Socials Screenshots





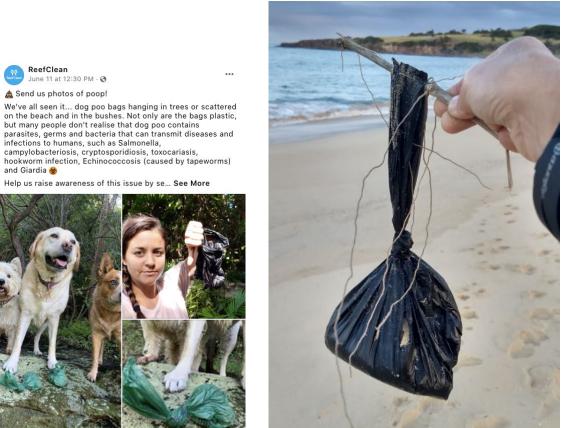




We all wonder WHY people leave plastic bags of poop behind, left to be washed into the ocean... Well did you know studies have shown there are 5 different types of people when it comes to picking up dog poo?

- 1. Proud to pick up happy to be seen carrying dog waste, will pick up in all locations and take it home if no bins are available.
- 22. It is the right thing to do will pick up in public places but will seek to dispose of the waste as soon as it is practical.







You could reach up to 519 people daily by boosting your post for A\$25.

17 Comments 7 Shares

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9 -

223 Engagements

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2,202 People Reached

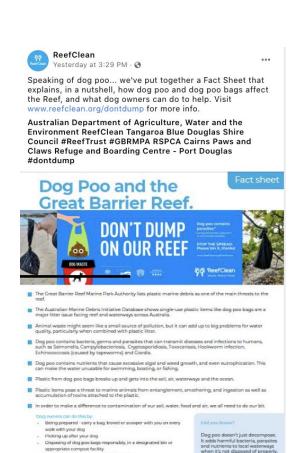
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Like

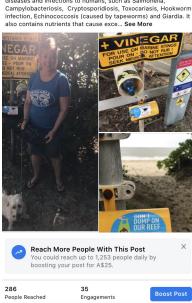
ReefClean June 11 at 12:30 PM · 🔇 Send us photos of poop!







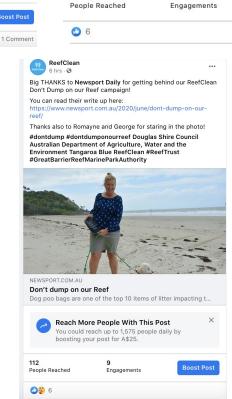
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When dog poo isn't picked up and binned, it cannot only leave you with toe jam but it can wash into our waterways and cause major environmental and health issues. It contains bacteria, germs and parasites that can transmit diseases and infections to humans, such as Salmonella,

Yesterday at 12:00 PM · ③
Have you ever stepped in dog poo?

OO\$ 17





mobile: 0410 166 684
email: reefclean@tangaroablue.org
www.reefclean.org

DON'T DUMP ON OUR REEF

Local council supports campaign to help stop dog owners dumping on the reef

Yet to be released to the media: Douglas Shire Council has joined Tangaroa Blue Foundation's ReefClean *Don't dump on our Reef* campaign to help reduce single-use plastic dog poo bags from ending up on the Great Barrier Reef.

The move comes as the Australian Marine Debris Initiative Database shows single-use plastic items such as dog poo bags are one of the top 10 items of litter impacting the Great Barrier Reef and in waterways across Australia.

"Our campaign has been designed to help dog owners understand the impact dog poo, and the single-use plastic bags used to collect it, has on the reef," says Tangaroa Blue CEO Heidi Tait.

"While some dog owners alway pick up their dog's waste, bag and bin it, others are less vigilant which can result in damage to the reef."

Studies have also found dog poo contains parasites such as campylobacteriosis, tapeworm, E. Coli and Salmonella so failing to collect it and dispose of it properly can present a public health risk.

"When it comes to dog waste, we need to stop the spread and we need dog owners around the reef to take responsibility for their dog's doo," Tait says.

As part of the campaign Tangaroa Blue will roll out dog poo bag dispenser signage in hotspot locations in Port Douglas.

ReefClean is funded by the Australian Government's Reef Trust and delivered by Tangaroa Blue Foundation.

For more information on the ReefClean *Don't Dump on our Reef* campaign, visit: ReefClean.org/dontdump.

ENDS

MEDIA CONTACT: Tom Godfrey - 0477 486 095 - tom@tangaroablue.org

ReefClean is funded by the Australian Government's Reef Trust. ReefClean is a project to remove and reduce marine debris impacting the Great Barrier Reef.

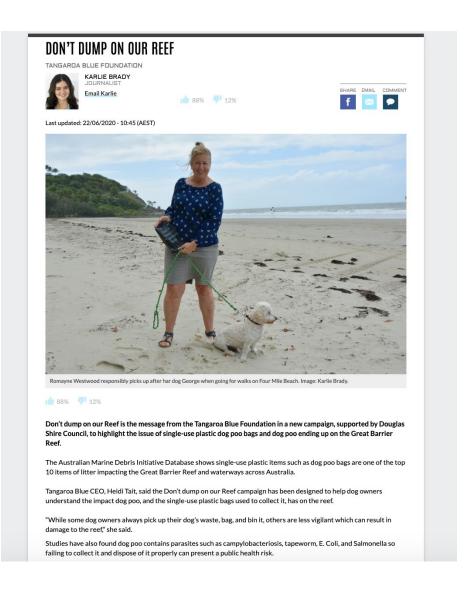








Media Coverage



"When it comes to dog waste, we need to stop the spread and we need dog owners around the reef to take responsibility for their dog's poo," Ms Tait says.

 $As part of the campaign, Tangaroa \ Blue \ will \ roll \ out \ dog \ poo \ bag \ dispenser \ sticker \ signage \ at \ Four \ Mile \ Beach \ in \ Port \ Douglas \ in \ June.$

 $It will then conduct audits of the number of single-use plastic pool bags \ left before and after the signage is implemented.\\$



Tangaroa Blue will add sticker signage as part of the campaign to dog-poop bag dispensers which are available at Four Mile Beach. Image: Karlie Brady.

Douglas Shire Mayor, Michael Kerr, encouraged dog owners to pick up after their pooches and be aware of how they dispose of it.

"We would like to remind dog owners that it is their responsibility to clean up any little surprises that may happen during their daily walks," he said.

 $\hbox{``Dog-poop bag dispensers are available at popular beach entries and parks in the Shire.''}$

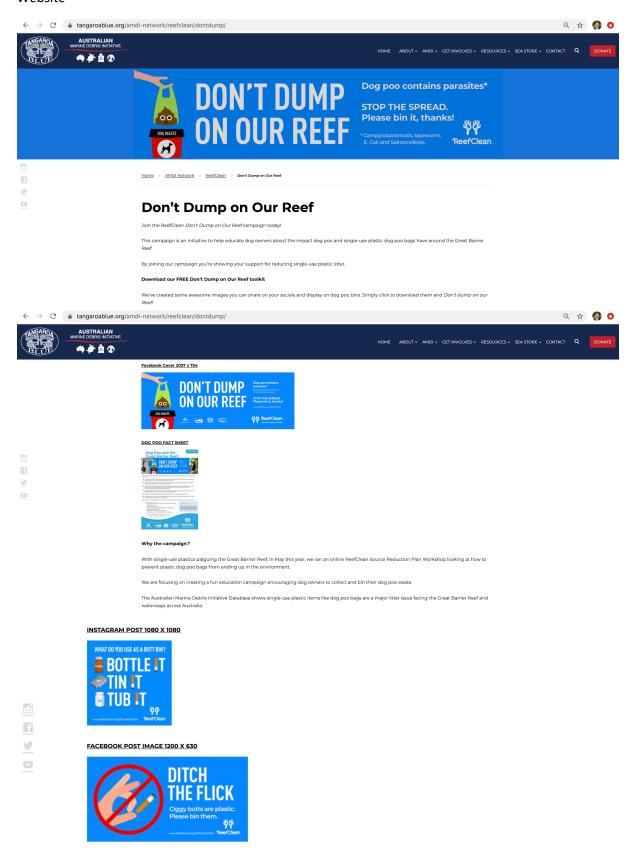
The Reef Clean Don't Dump on our Reef campaign is funded by the Australian Government's Reef Trust and delivered by Tangaroa Blue Foundation, a not-for-profit organisation dedicated to the removal and prevention of marine debris.

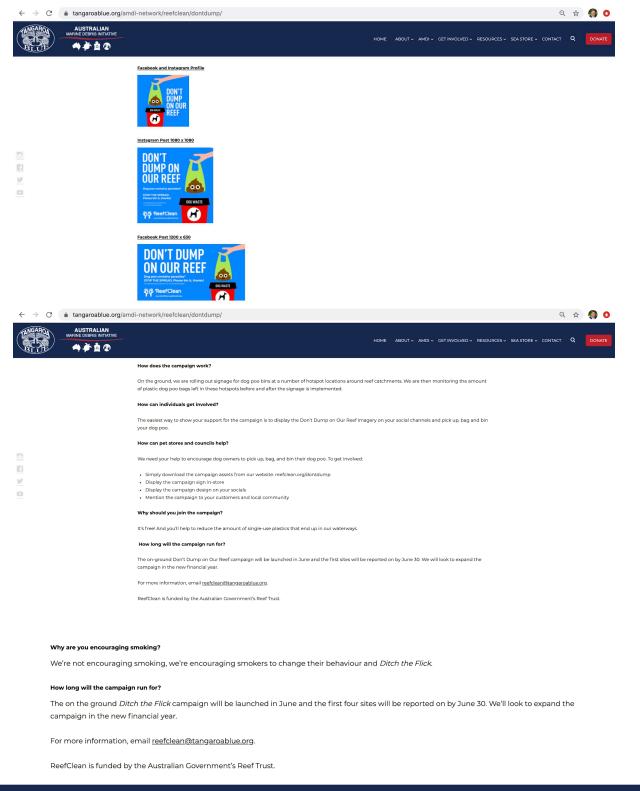
Campaign Assets





Website





© <u>Tangaroa Blue 2018</u>

Signage in Place



Dog Poo and the **Great Barrier Reef.** Fact sheet



parasites'

STOP THE SPREAD. Please bin it, thanks!





- The Great Barrier Reef Marine Park Authority lists plastic marine debris as one of the main threats to the
- The Australian Marine Debris Initiative Database shows single-use plastic items like dog poo bags are a major litter issue facing reef and waterways across Australia.
- Animal waste might seem like a small source of pollution, but it can add up to big problems for water quality, particularly when combined with plastic litter.
- Dog poo contains bacteria, germs and parasites that can transmit diseases and infections to humans, such as Salmonella, Campylobacteriosis, Cryptosporidiosis, Toxocariasis, Hookworm infection, Echinococcosis (caused by tapeworms) and Giardia.
- Dog poo contains nutrients that cause excessive algal and weed growth, and even eutrophication. This can make the water unusable for swimming, boating, or fishing.
- Plastic from dog poo bags breaks up and gets into the soil, air, waterways and the ocean.
- Plastic items pose a threat to marine animals from entanglement, smothering, and ingestion as well as accumulation of toxins attached to the plastic.
- In order to make a difference to contamination of our soil, water, food and air, we all need to do our bit.

Dog owners can do this by:

- Being prepared carry a bag, trowel or scooper with you on every walk with your dog
- Picking up after your dog
- Disposing of dog poo bags responsibly, in a designated bin or appropriate compost facility
- Keeping plastics out of soil and waterways
- Raising awareness of the toxicity of plastics and dog poo

For more information, resources and references go to: www.reefclean.org/dontdump

Did you know?

Dog poo doesn't just decompose. It adds harmful bacteria, parasites and nutrients to local waterways when it's not disposed of properly.











Timeline

Federal Govt	Community rep	Design Team	Tangaroa	- Local media coverage	- Local media release	Media	- Pet shops	- Animal shelters	- RSPCA	- Paws & Claws	Poster distribution	- Monitoring audit	- Sticker application	- Initial audit	Townsville	 Monitoring audit 	 Sticker application 	- Initial audit	4 Mile Beach (Port Douglas)	Outdoor	 Google Adwords 	Search	- Witter	Twitter	Instagram	Eschook	Social	- Final report	- Draft report	- Go live	- Plan approval	 Draft plan & creative 	- WIP	- Workshop	- Briefing	Deliverable	
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