

Environmental Programs

New Zealand's story

Aquaculture New Zealand A+

Marine Farming Association Environmental Certification Program

Aaron Pannell NZMFA



Environment Programs - Why do it?

- Market access and promotion



Environment Programs - Why do it?

- Market access and promotion
- Social license

Crime & Safety

Buy, Sell & Free Stuff

Help & Advice **New**

Local Jobs

Lost & Found

Recommendations

Rent, Hire or Borrow

Home Contents Locker

Nice Neighbour **New**

Saturday Express

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Real Estate Outlook

Latest edition:
Thursday, 11 Jul[View now](#)

Goody Offers

\$20 Off your stay
193 Aorangi Manor

Our Partners



Local Highlight



Poll: Marine farms in Port Underwood

Public

2 days ago

Alice Angeloni **Reporter** from Marlborough Express

A marine farm at Port Underwood has been given permission to expand despite residents objecting. Do you think there are too many farms?



Marine farms in Port Underwood

Yes, I'm worried about aesthetics 0%

Yes, I'm worried about ecosystems and the environment 55.6%

✓ No concerns, it's great for business 18.5%

There's too many marine farms in the Marlborough Sounds. 25.9%

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Majestic Plumbing & Gas

Gasfitters

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Sponsored

Local Properties

Price Upon Application



Environment Programs - Why do it?

- Market access and promotion
- Social license
- Staff engagement



Environment Programs - Why do it?

- Market access and promotion
- Social license
- Staff engagement
- Right thing to do

**THIS IS MY BACKYARD. I FISH HERE, I SWIM HERE, I WORK HERE.
IT'S MY JOB TO PROTECT IT. MY WATERS ARE BLUE,
MY INDUSTRY GREEN AND MY FUTURE BRIGHT. I HELP FEED THE WORLD
AND THE WORLD CAN'T GET ENOUGH OF MY BEAUTIFUL SEAFOOD.
I'VE EVOLVED OVER GENERATIONS, CREATING
GREEN JOBS AND INVESTING IN MY COMMUNITY.**

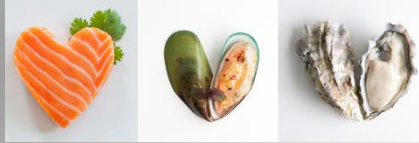
**I AM OPPORTUNITY. I AM SUSTAINABILITY. I AM THE FUTURE.
I AM NEW ZEALAND AQUACULTURE.**

CREATING A NEW STANDARD OF SUSTAINABLE AQUACULTURE



CREATING A NEW STANDARD OF SUSTAINABLE AQUACULTURE

Species Environmental
Codes of Practice



- **Formal eco-certification as required for specific companies in specific markets**
- **Independently benchmarked our ECOPs as “performing exceptionally well”**
- **Have rated all three species as “Best Choice”**



CREATING A NEW STANDARD OF SUSTAINABLE AQUACULTURE



NEW ZEALAND SUSTAINABLE AQUACULTURE



**THE NEW
STANDARD OF
SUSTAINABLE
AQUACULTURE**

Kaitiaki

Integrity

Resourcefulness

These are the principles that underpin A+

As marine and freshwater farmers we're proud of our role as guardians of this place and its people - not just for now, but for future generations

A+ gives us a set of tools to help us improve on, and tell the story of, this role.



NEW ZEALAND SUSTAINABLE AQUACULTURE



The framework objectives align with those of world leading environmental certifications - such as ASC and BAP

They are our way of proving we are world-class guardians of our place and people

Healthy ecology

Clean clear water quality

Responsible waste management

Efficient use of resources

Guarantee of food safety

Valuing iwi participation

Enhancing our communities



Reporting Dashboard

Marlborough Oysters Ltd - A+ St x www.stuff.co.nz x +

https://www.aplus.org.nz/checklist/112

Apps Imported From IE Settings Weather Finance Entertainment Business Website ideas Home flipfarm Paradise oysters Cricket Other bookmarks

Energy ?

Do you record the amount of fuel used across your farming operation annually?

☒ Yes ☐ No

2017

Industry

89% Yes

11%

Petrol used (L)

26387

Diesel used (L)

4957

Ecosystem Services ?

Have you participated in any programmes or taken any initiatives to restore ecosystems (e.g. pest management programmes?)

☐ Yes ☒ No

2017

Industry

25% Yes

55% No

8%

11%

Marine Farming Assn Environment Program



History

- The MFA is a subscription based organisation representing marine farmers in the top of the South Island of New Zealand
- The MFA has had an active Environment Programme in Marlborough since the 1990's.
- The programme was extended to include Golden Bay and Tasman Bay in 2010
- The programme is managed by a subcommittee of the MFA , the MFA Environment & Compliance Committee



Where it began...



Where it began...



Environmental Certification Programme -



- Introduced in 2016 as a result of an initiative from vessel crews
- Vessels are required to be passed as compliant as per the requirements of the industry Standard Operating Procedures
- Marine farms are required to be passed as compliant as per the requirements of the industry Standard Operating Procedures
- Companies must be an active participant in beach clean ups
- Companies must adhere to industry SOP's and COP's



Areas Covered

The Top of the South Environment Programme incorporates the activities of marine farmers operating in the Golden Bay, Tasman Bay and Marlborough Districts



Guiding Principals

- To minimise the impact of marine farming activities on the wider environment and community in which we operate
- To minimise generic concerns which from time to time may be expressed by other stakeholders and users of the Marlborough Sounds, Golden Bay and Tasman Bay



Key Objectives

Debris

- Minimise the risk of debris lost overboard from industry vessels
- Minimise the risk of debris lost from marine farms
- Minimise the impact of debris on the beaches
- Improve data collection and reporting on the debris collected

Noise

- Minimise the noise levels from marine farming activities



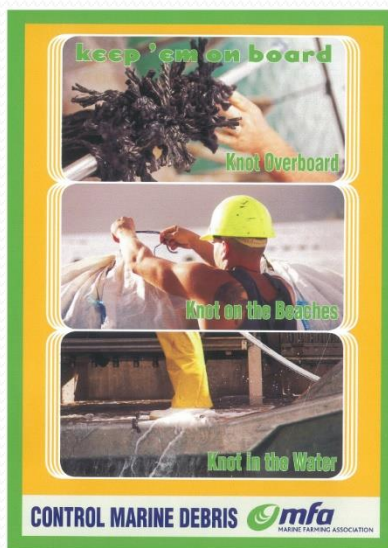
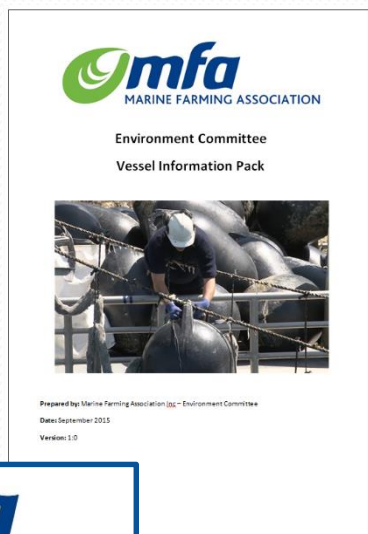
Key Objectives

Pollution & Emissions

- Minimise the pollution and emissions from marine farming activities

Waste

- Minimise the level of waste taken to landfill from marine farming activities



Current Activities

Workshops – held every two years with skippers & crews to provide training, update on results and obtain feedback and new ideas.

Vessel packs – industry vessel crews have been trained on the industry SOP's and COP's.

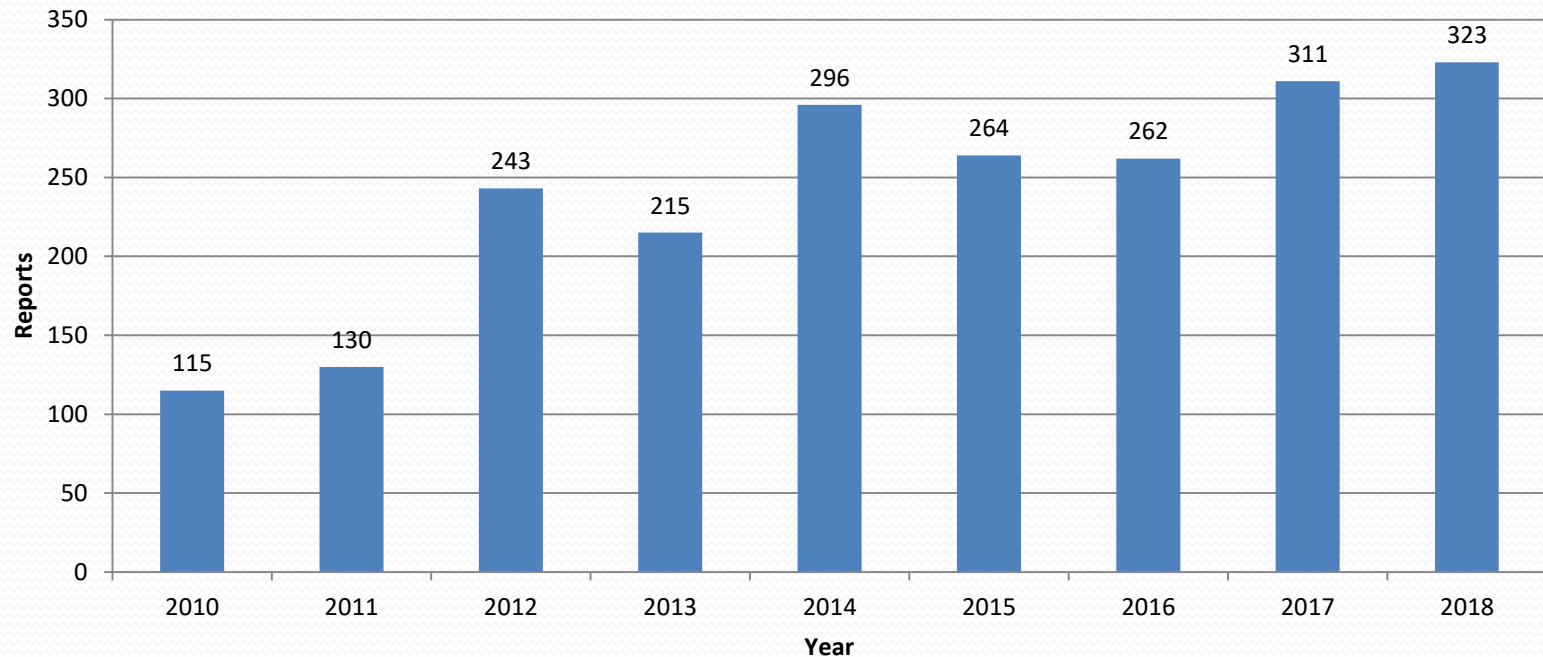
Information on activities is provided to member in MFA Newsletter and 'On Water Group' private Facebook has been set up to share information between on water crew.

"Adopt a beach" program – year round clean-ups with "Big day out" held each December.

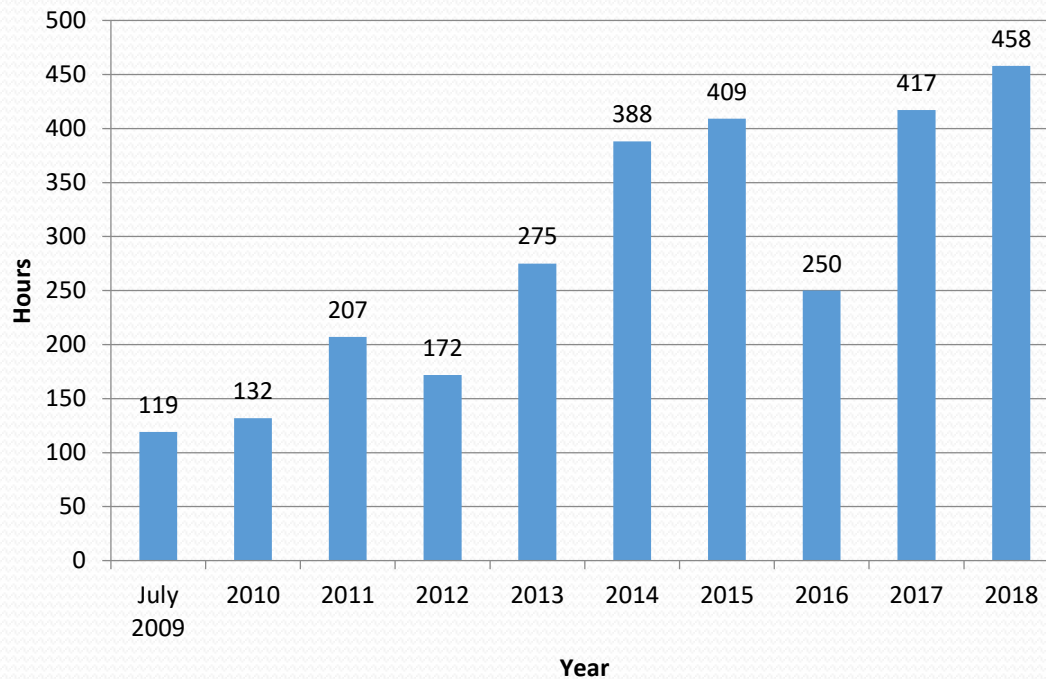


“Adopt a beach” Programme -

Reports Received

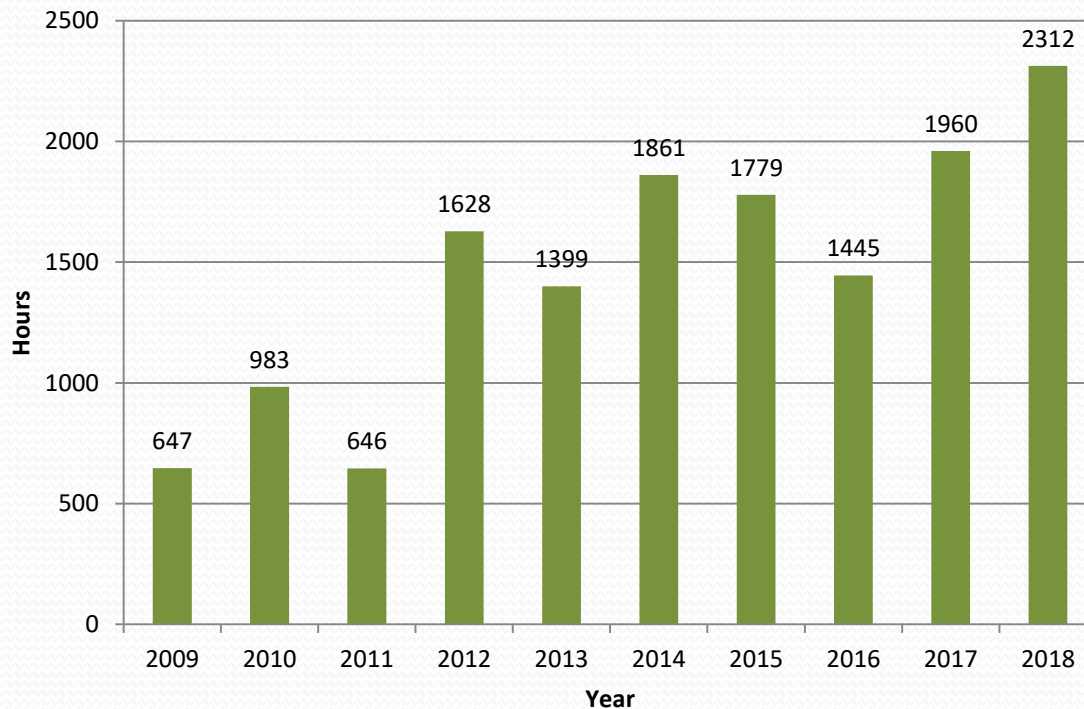


Recorded Vessel Hours 2009 - 2018



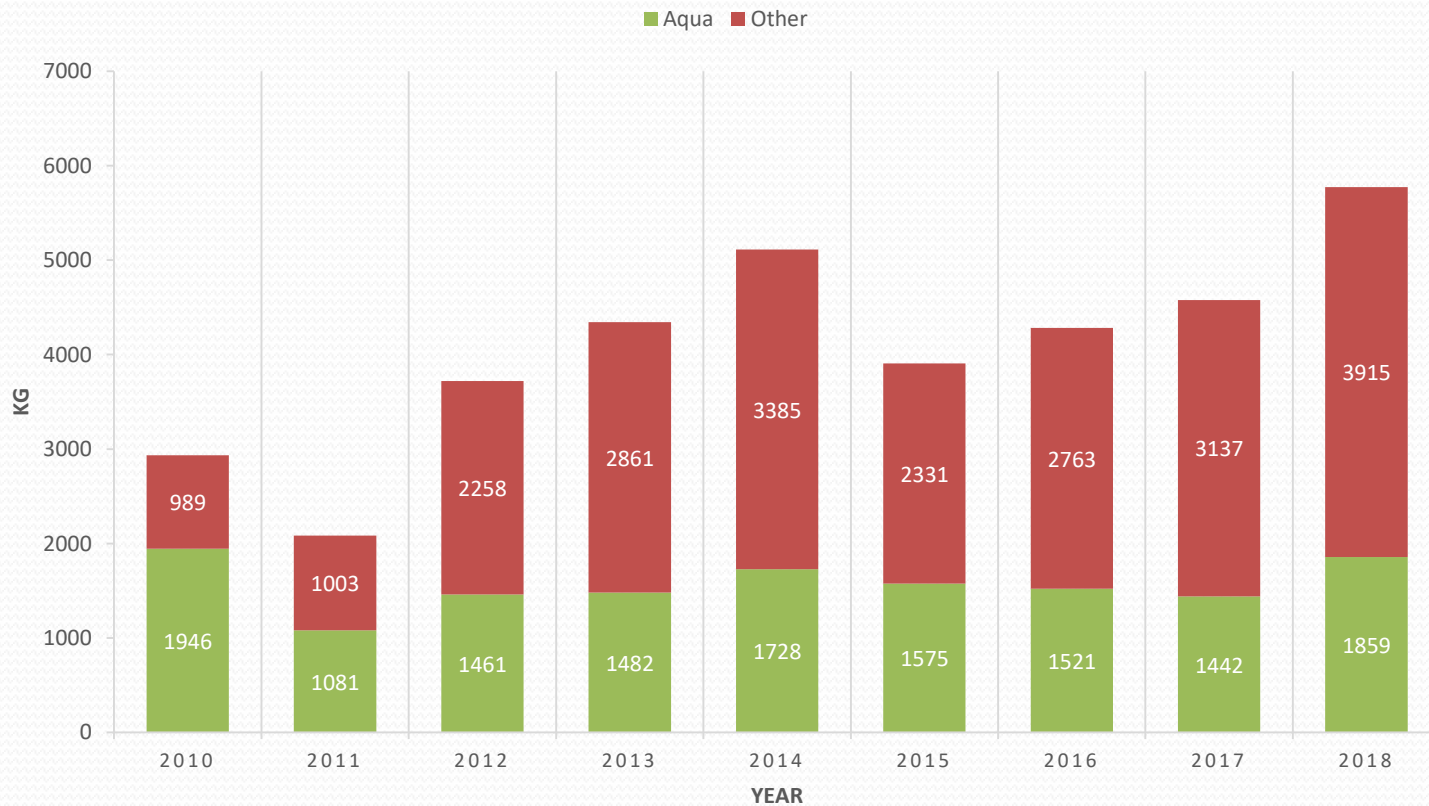
Year	Hours	\$200 per Hour
July 2009	119	\$23,800.00
2010	132	\$26,400.00
2011	207	\$41,400.00
2012	172	\$34,400.00
2013	275	\$55,000.00
2014	388	\$77,600.00
2015	409	\$81,800.00
2016	250	\$50,000.00
2017	417	\$83,400.00
2018	458	\$91,600.00

Recorded Person Hours 2009 - 2018

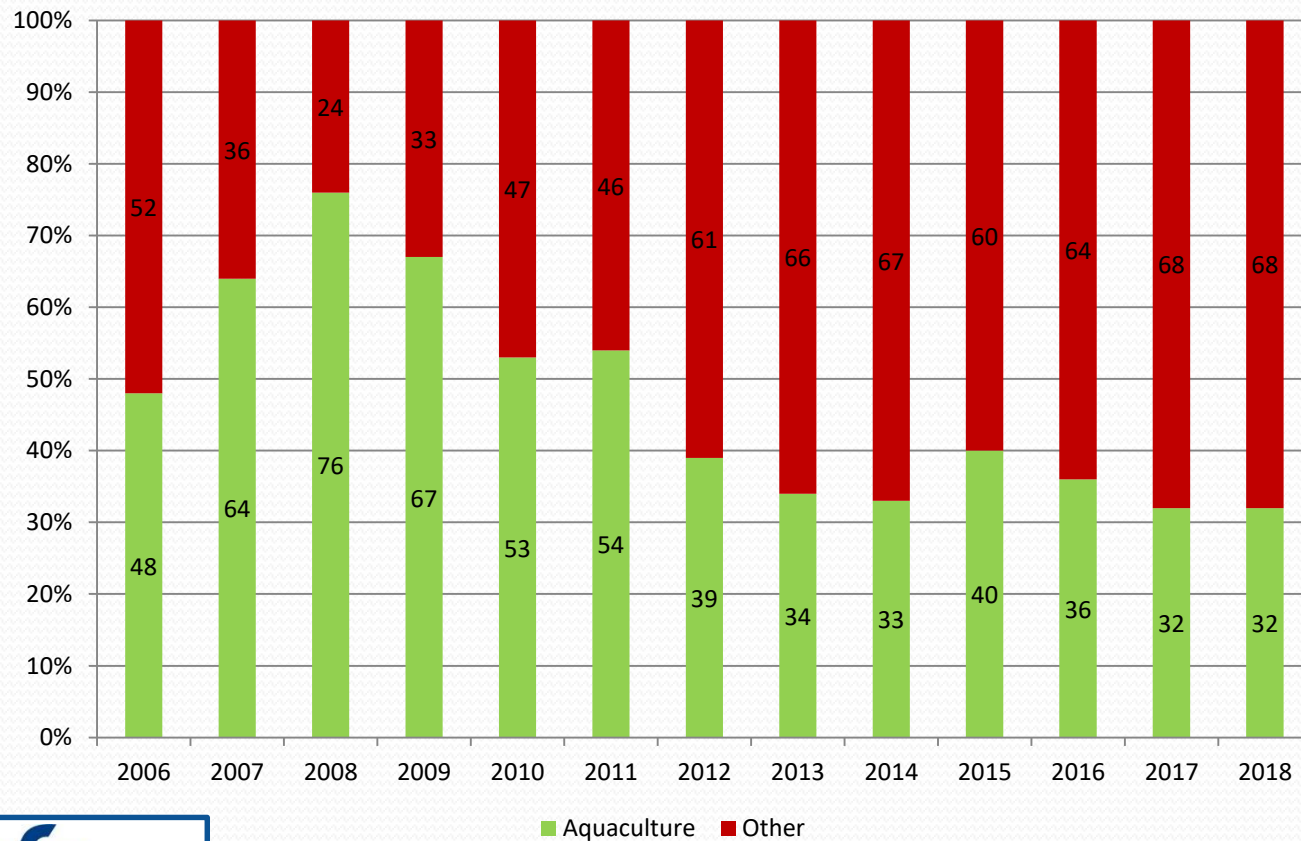


Year	Hours	\$50 Per Hour
2009	647	\$32,350.00
2010	983	\$49,150.00
2011	646	\$32,300.00
2012	1628	\$81,400.00
2013	1399	\$69,950.00
2014	1861	\$93,050.00
2015	1779	\$88,950.00
2016	1445	\$72,250.00
2017	1960	\$98,000.00
2018	2312	\$115,600.00

Total Debris Collected 2010 - 2018



Recorded Debris Collected 2006 - 2018



MFA Induction Video

<http://www.marinefarming.co.nz/>





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