

**Minutes for Meeting of the  
Sounds Advisory Group  
held at the Marlborough District Council Committee Room  
on Monday, 16 June 2025 commencing at 10.00 am.**

**Present:** Cllr Faulls, Cllr Innes, Cllr Minehan, Tracey Currie (Moetapu Bay), Steve Murrin and Wayne Oldfield (Marlborough Roads), Shon Emerson (Kaiuma Bay), Ross Withell (Kenepuru & Central Sounds), Beryl Archer (Penzance/Tuna Bay Residents Association), Fraenzi Furigo (French Pass Residents Association), Carey Virtue (Queen Charlotte Sound/Tōtaranui), Dave Hayes (DOC – from 11.00 am), Richard Barker (Cissy Bay), Wayne Boustridge (Te Whanganui/Port Underwood), Braden Moleta (Pelorus/Kenepuru) and Kevin Bright (Marlborough Recreational Fishers Association - MRFA). With Dr Philip Heath (Aquatic Environment Team Manager, Fisheries New Zealand).

Via teams: Tracey Gibbs (Secretary of the D'Urville Association - DIRRA), Vikki Ambrose (MPI – till 1.00 pm) and Tim Greenhough (Okiwi Bay).

**MDC Staff Attending:** Alan Johnson (Environmental Science & Monitoring Manager), Liam Falconer (Biosecurity Manager), Katie Littlewood (Principal Coastal Scientist), Jorgia McMillan (Coastal Scientist), Kiri Whiteman (Parks & Open Spaces Officer), Gina Ferguson (Group Manager Consents & Compliance) and Rachael Williams (Compliance Manager), and in attendance Bernadette Brooklands (Secretary).

## **1. Welcome and Introductions**

Cllr Faulls welcomed attendees and members introduced themselves.

## **2. Apologies**

Mary Bowron (Pelorus/Kenepuru), George Shallcrass (Top of the South Wood Council), Oliver Wade (Principal Coastal Scientist), John Cretney (Cissy Bay), Jake Oliver (Harbourmaster) and James Oliver (Deputy Harbourmaster), Dean Baigent (Elaine Bay Residents Association), Mark Lucas (Solid Waste Manager) and Georgie Sullivan (Waste Minimisation Coordinator), Stephen Rooney (Operations & Maintenance Engineer), Kaja Mazzotti-Vetter (Senior Advisor – Welfare and Planning), Matt Kerr (Emergency Services Manager), Clayton Anderson (Communications Advisor) and Heather Graham (Small Townships Projects Coordinator).

Apologies accepted by Cllr Faulls / moved Cllr Minehan

## **3. Confirmation of Previous Minutes – 24 March 2025**

Due to the next Full Council meeting being set down for 7 July, the previous minutes were sent to members in draft form until ratified by Full Council.

A ShareFile link will be sent to members once Council has approved the March minutes. The full minutes will then also be added to the Council website.

<https://www.marlborough.govt.nz/environment/coastal/community-involvement/sounds-advisory-group>

<https://marlboroughdistrictcouncil.sharefile.com/public/share/web-sf40334541e404c42bcb8337d539b7413>

Two minor changes were noted and will be amended.  
Cllr Faulls moved / Shon Emerson – carried.

## **4. Actions from the previous meeting**

|    | Action                                                                                                                                                                                                                                                                                                                                    | Person Respons                | Outcome                                                                          |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------|
| 1  | Invite Chris Duckworth from the Rural Youth and Adult Literacy Trust (RYALT) to the March hui.<br><b>Update: Deferred to later in the year.</b>                                                                                                                                                                                           | Clr Faulls                    | Completed                                                                        |
| 2  | Liam to liaise with Clr Innes regarding community education sessions.<br><b>Update: Clayton Anderson MDC Communication Advisor will continue this.</b>                                                                                                                                                                                    | Liam Falconer / Clr Innes     | <b>Completed</b>                                                                 |
| 3  | Update on the public toilet at the road entrance to Kaiuma Bay.<br><b>Updated: Heather Graham has discussed the Kaiuma Bay toilet with Kaiuma Park Services and is working to facilitate a meeting with the Kaiuma Bay Residents' Association, Kaiuma Park Services Ltd and Sounds Lifestyle Venture Ltd and will proceed from there.</b> | Heather Graham / Shon Emerson | <b>Completed</b><br>Going forward, this can now be removed from matters arising. |
| 4  | Invite Jorgia McMillan to give an update on the Endeavour Inlet seagrass.<br><b>Katie Littlewood attending 16 June</b>                                                                                                                                                                                                                    | Alan Johnson                  | <b>Completed</b><br>Attending 16 June                                            |
| 5  | Invite Mr Lucas to our next meeting on 16 June to give an update on the Waste Management Bylaw and address the members' concerns on waste management, including green waste.<br><b>Update: An apology for 16 June as the Bylaw will not be ratified by Full Council until July. Invite Mr Lucas to the August meeting instead</b>         | Clr Faulls                    | <b>Ongoing</b><br>Invite to August meeting                                       |
| 6  | Invite Marlborough Emergency Management to the 25 August meeting to give an update on the Alpine Fault workshop held in May.                                                                                                                                                                                                              | Bernadette                    | <b>Completed</b><br>Calendar invite sent                                         |
| 7  | Invite Gina Ferguson, Consents and Compliance Group Manager to advise on the fee structure for resource consents such as septic tanks, jetties, moorings etc and explain the NES for forestry and how MDC will monitor this.<br><b>Updated: Gina Ferguson and Rachael Williams (Compliance Manager) will attend</b>                       | Clr Faulls / Alan Johnson     | <b>Completed</b><br>Attending 16 June                                            |
| 8  | Harbourmasters update.<br><b>An apology for today's meeting. An invitation will be sent for the next meeting in August.</b>                                                                                                                                                                                                               | Alan Johnson / Jake Oliver    | <b>Ongoing</b><br>Invite to August meeting                                       |
| 9  | KMTT update.                                                                                                                                                                                                                                                                                                                              | Alan Johnson                  | <b>Completed</b><br>Alan speaking today                                          |
| 10 | Information on tax submission. Email to Bernadette to share with members of the group.                                                                                                                                                                                                                                                    | John Cretney / Bernadette     | <b>Completed</b><br>Bernadette emailed information to members on 25 March.       |
| 11 | Send Marlborough Emergency Management a copy of the members list residents list.                                                                                                                                                                                                                                                          | Bernadette                    | <b>Completed</b><br>Emailed to Kaja on 25 March                                  |
| 12 | Invite Tracey Gibbs, D'Urville Association, to the June meeting.                                                                                                                                                                                                                                                                          | Bernadette                    | <b>Completed</b><br>Attending 16 June                                            |
| 13 | Invite Kevin Bright to June hui as a new group member representing Marlborough Recreational Fishers Association, (MRFA).                                                                                                                                                                                                                  | Bernadette                    | <b>Completed</b><br>Attending 16 June                                            |
| 14 | Invite Jamie Sigmund (Strategic Planner -Implementation & Review) to the August hui to speak on climate change response and readiness.                                                                                                                                                                                                    | Alan                          | <b>Completed</b><br>Invite to be sent                                            |

**5. Consent fees and the NES** (Gina Ferguson, Group Manager Consents & Compliance and Rachael Williams, Compliance Manager) – See Appendix 1

- Wastewater systems and moorings go through the consent process and there is a fixed fee deposit of \$1,265, charges are applied on an hourly rate which may include a refund if the time spent on the application is less than the deposit. Every renewal of a consent is looked at as a new consent. Moorings are generally given a term of 20 years (but this may vary). If the bay is very busy the moorings may be granted for a shorter term to align with other mooring applications in the bay to ensure that efficient allocation of mooring space and resolve any conflict with swing circles.
- Wastewater consents that are due for renewal are looked at as new consents to ensure that the system is compliant with the NZ wastewater standards. The general period is 15 years.
- The transfer of a wastewater consent must be completed when you sell or buy property.
- Forestry is the number one priority for risk monitoring. Afforestation is provided as a permitted activity subject to standards including wilding pine calculation. A notification is provided to Council along with a score. Council has limited ability to challenge the wilding pine calculation provided it was completed by a suitably qualified and experienced person and follow the correct methodology.
- NES for forestry submissions are out and close on 27 July  
<https://environment.govt.nz/news/consultation-on-updating-rma-national-direction/>
- If you have any questions regarding the coordination of your mooring, contact the Environmental Monitoring Administration Officer Vanessa Hantz  
[Vanessa.Hantz@marlborough.govt.nz](mailto:Vanessa.Hantz@marlborough.govt.nz)

Action Points: Gina Ferguson provided the following information after the meeting:

a) [Information that was supplied to Councilors regarding mining and the difference between central and local government.](#)

Mining permits can be applied through New Zealand Petroleum and Minerals under the Crown Minerals Act 1991. This is not administered by the Council, while a permit may be granted under the Crown Minerals Act 1991 a resource consent may still be required under the Resource Management Act 1991 to lawfully undertake the activity if required by a resource management plan.

Some detailed background information about the exploration permit from the mining company is available at: <https://www.sirengold.com.au/site/pdf/9a9c8cf9-afe7-4cd6-bcf4-f4d93e984c5d/Queen-Charlotte-AntimonyGold-Exploration-Permit-Granted.pdf>

b) [Environment Committee agenda item and PowerPoint which shows the fee process.](#)

See here for the Environment Committee minutes on page 74 -  
<https://www.marlborough.govt.nz/repository/libraries/id:2ifzri1o01cxbymxkvwz/hierarchy/documents/your-council/meetings/2025/environment-planning-2025-list/Environment%20%26%20Planning%20Committee%2013%20March%202025%20Agenda.pdf>

c) [Smartmap link instructions to check GPS on moorings.](#)

d) [Website link in LIMS that will convert the old GPS location to the new location.](#)  
<https://www.geodesy.linz.govt.nz/concord/>

e) [Information on where recent renewals information is on the MDC website for consent numbers for moorings and/or wastewater systems so members can see what information was required.](#)

**Action Point:** Secretary. Invite the MDC Forestry Monitoring Officer, Savannah Boere to speak to members at the next meeting in August on how earthworks, harvesting, sediment etc is monitored by Council.

## Questions/Answers

Tracey from Endeavor Inlet enquired about mining. Gina Ferguson advised that they have a permit for exploration, which is a permitted activity and that the mining company cannot do anything further unless they go through the consenting process.

Attendance: 11.03 am Gina Ferguson and Rachael Williams withdrew from the hui.

### **6. Coastal Science Update – Estuary Health and Seagrass** (Katie Littlewood, Principal Coastal Scientist and Jorgia McMillian, Coastal Scientist)

Katie Littlewood presented the estuary health and seagrass PowerPoint. See Appendix 2. See the website for the following information on the work the Coastal team carry out.  
<https://www.marlborough.govt.nz/environment/coastal>

The Seagrass Education Brochure can be found on Council website [Rimurehia/Seagrass Education Brochure \(PDF, 6MB\)](#)

To read about other estuary reports, see here  
<https://www.marlborough.govt.nz/environment/coastal/estuaries> and to find the Estuary Report under Queen Charlotte Sound/Tōtaranui reports link here  
[https://www.marlborough.govt.nz/repository/libraries/id:2ifzri1o01cxbymxkvwz/hierarchy/documents/environment/coastal/estuaries/queen-charlotte-sound-totaranui-estuary-reports-list/State\\_of\\_the\\_Environment\\_Marlborough\\_Estuaries\\_Broadscale\\_Habitat\\_Mapping\\_Report\\_2023\\_2024.pdf](https://www.marlborough.govt.nz/repository/libraries/id:2ifzri1o01cxbymxkvwz/hierarchy/documents/environment/coastal/estuaries/queen-charlotte-sound-totaranui-estuary-reports-list/State_of_the_Environment_Marlborough_Estuaries_Broadscale_Habitat_Mapping_Report_2023_2024.pdf)

#### **Action points:**

- a) Send the link from MDC website for the estuary report to members (secretary)
- b) Email the Keep off the Seagrass brochure to members (secretary)
- c) Provide the Keep off the Seagrass signs to Carey Virtue in Endeavour Inlet and Kevin Bright for Torea Bay (secretary to provide Katie email addresses to connect). **Action Point:** secretary.
- d) **Action Point:** secretary. Invite Rachel Russell, Te Hoiere Project Manager to the August meeting to provide an update.

A break was taken for lunch with the hui recommencing at 12.30 pm.

### **7. BMP Review - Best Management Practice guidelines for managing the benthic environment around salmon farms** (Dr Philip Heath, Aquatic Environment Team Manager, Fisheries New Zealand)

- Dr Heath introduced himself to the group and explained his role within the science team at Fisheries NZ. See Dr Heath's PowerPoint in **Appendix 3**.
- Half of the science team work with fish stocks and the other half in aquatic environments.  
Dr Heath called for expressions of interest in becoming a member of the review team. The position will be a part time, community representation /science orientated role and is funded by Council and NZ Fisheries. **Action Point:** Members to consider Dr Heath's proposal and email Alan or Clr Faulls their thoughts. Clr Faulls and Alan will then discuss.
- A blue cod review will be carried out next year in the Marlborough Sounds and East Coast area.
- Members are welcome to email Dr Heath with any questions [Philip.Heath@mpi.govt.nz](mailto:Philip.Heath@mpi.govt.nz)
- To read further on the work by NZ Fisheries see the following links:  
[2015-11-25-BMP-Guidelines-Operational-Final.pdf](#)  
[Best Management Practice guidelines for salmon farms in the Marlborough Sounds:](#)  
[Best management practice guidelines for salmon farms in the Marlborough Sounds: Part 1: Benthic environmental quality standards and monitoring protocol \(Version 1.2 August 2022\)](#)

Attendance: 1.00 pm Katie Littlewood and Jorgia McMillan withdrew from the meeting.

**8. Marlborough Roads Recovery Update** (Steve Murrin, Manager Marlborough Roads & Wayne Oldfield Marlborough Roads Systems Manager)

Thank you to Steve and Wayne for providing the PowerPoint roading update. See **Appendix 4**.

To read the full update from NZTA and see photographs of the ongoing repairs see their website <https://nzta-marlboroughroadsrecovery>

Note: All updates are posted on the Antenno app. See the Antenno app for weekly roading updates. The Antenno app is free and can be downloaded on both Apple and Android smartphones.

[Download Antenno from the App Store here](#)

[Download Antenno from Google Play here](#)

Read further details here -<https://www.marlborough.govt.nz/services/apps/antenno>

**Action Points:**

- a) Invite Fern McGaw to the next meeting to make connections with the community group representatives. Secretary
- b) Steve to send the Tennyson Inlet Road works forecast to Beryl Archer. The secretary provided Beryl's email address to Steve on 17 June.
- c) Remind members to think of specific things they want Marlborough Roads to speak on for the next agenda. Secretary.
- d) Steve and Wayne will look into complaints that the Antenno app seems to be sending delayed messages.

Questions/Answers

- Tracey from D'Urville noted that her community would like the roading report from Marlborough Roads and an update regarding the cranes. Steve advised the crane issue would be ongoing for now and the report is not yet publicly available.
- Thanks to Marlborough Roads for the work completed.

Attendance: 1:39 pm Carey Virtue and Marlborough Roads staff withdrew from the hui.

**9. Biosecurity Update** (Liam Falconer, Biosecurity Manager)

- Liam presented his PowerPoint presentation on the latest Biosecurity outcomes. Please see **Appendix 5**.
- See Council website <https://www.marlborough.govt.nz/environment/biosecurity> for more information about the Biosecurity section.
- If you find a plant or grass that cannot be identified on the Aotearoa Species Classifier App (download in the App Store or Google Play), bring it into Council for the Biosecurity section to send to their contractor. Please be careful on how you transport a plant. Contact the Biosecurity section first. [Biosecurity@marlborough.govt.nz](mailto:Biosecurity@marlborough.govt.nz)
- Weed busters is an app you can also use <https://www.weedbusters.co.nz/>

**10. KMTT Update** (Alan Johnson)

- Alan gave an overview of the Kotahitanga mō te Taiao Alliance (KMTT). Meaning "Collective Action for Our Nature," Kotahitanga mō te Taiao Alliance (KMTT) is a unique collaborative model of Iwi (Māori Indigenous tribes), Councils and Government (17 partners in total) based in the top of New Zealand's South Island. It aims to restore and enhance nature across 3.4 million hectares of land and sea.
- Alan Johnson is part of the alliance for Council and Dave Hayes is the DOC representative.
- The Biosecurity Forum was held recently in Picton in which Debs Martins from KMTT spoke. If a Marlborough Sounds case study is approved, it will be led by Iwi. Further details to be given at a later date.
- To read further about KMTT, please see their website <https://www.nature.org/en-us/about-us/where-we-work/asia-pacific/new-zealand/stories-in-new-zealand/new-zealand-alliance/>

## 11. DOC Update (Dave Hayes)

### Recreation

The Queen Charlotte Track experienced a bit of a drop in numbers over the last summer season. This appears to be consistent with a wider regional trend. Recent rain scoured out a culvert and this has been reinstated. It is in an unstable section that had a major slip in 2022 so it may wash out again.

We are considering future options for the lower toilet block at Cowshed Bay. It is likely that the sewage dispersal field will not be able to be resurrected under current consent requirements. The upper camping area will remain open for campers and Queen Charlotte Sound track walkers in the meantime.

The Momorangi seawall has been upgraded by installing new piles.

We are firming up a plan to remove risks to the public at Perano Whaling Station. This will likely result in a fenced off area as well as modifications to areas where there are rotting timbers in places where the public will be able to go to get an impression of what this factory looked like when it was operating.

Woodsheds have been added to the huts on the Pelorus Track. This is part of the Te Araroa Trail and continues to be popular. Davies Bay has had a structures facelift.

### Biodiversity

Contractors have had another go at removing wilding pines on Te Pakeka/Maud Island. This is a remnant patch that will need one more visit to address.

We have done another run with the aerial thermal detection gear on selected sites. Six deer were shot on Te Pakeka and surprisingly, only one on Oruawairua/Blumine Island. We are thinking that the latter site has benefited from recent control on the western side of Queen Charlotte Sound.

We assisted the Marlborough Sounds Restoration Trust with their recent ground control of deer, pigs and goats from the Grove to the Wedge. About 140 animals were taken out.

The ex-Lighthouse Keepers' house on North Brother Island has been removed. This was a threat to wildlife as it had asbestos materials that were starting to break down.

Ngati Koata is leading a project that is supported by DOC to replace the protective fence around native frogs on the top of Takapourewa/Stephens Island. This follows an expansion of rock habitat for the frogs.

A large fencing project is nearing completion on Arapaoa Island. This provides extra security to threatened plant communities on the northern cliff areas.

### Community

There is a national push on at the moment to continue to whittle down a backlog of permissions. This includes around 90 applications for renewals of Sounds Foreshore Reserve permits.

### Other

There are reviews underway at the moment on our staff structures. This is partly in response to a reduced budget but also for the purpose of further efficiencies in how we operate. This may lead to a change in some of the people that you currently deal with.

## 12. Sounds Representatives Updates

Ongoing Issues Discussed:

1. Roding
2. Culvert maintenance
3. Waste management (including green waste)
4. Resource consent fees
  - See Point 5 from Gina Ferguson

5. Ungulate and Pest control

- Beryl Archer (Penzance/Tuna Bay Residents Association) – DOC spent 11 days on goat control and will be back again this month. Waiting for funding approval for trapping from the Working for Nature grant. Weed spraying to be done.
- Tracey Currie (Moetapu Bay) - Funding has been now approved for pest control.

**General:**

Vikki Ambrose – MPI

- Vikki is also involved in KMTT with a focus on the marine sector. The previous sustainability submissions are now completed. The next round of submissions will be for October and includes blue cod. See link for the April sustainability round  
<https://www.mpi.govt.nz/consultations/review-of-sustainability-measures-for-fisheries-april-2025-round/>

Attendance: 1.00 pm Vikki Ambrose withdrew from the hui.

Tim Greenhough – Okiwi Bay

- The first part of the cycle/walking track is now open, which is approximately a kilometre long. Ongoing issue with the helipad and if the community association or FENZ apply for the consent. Clr Faulls will follow up and get back to Tim outside of this forum.

Beryl Archer - Penzance/Tuna Bay

- ANZAC Day was supported by 60 people, and the new flag was raised. Thank you to Clr Minehan for attending the service.

Braden Moleta – Pelorus / Kenepuru

- Clr Faulls to contact Steve and Wayne from Marlborough Roads regarding the Waitaria Bay jetty outcome. **Action Point** noted.

Shon Emerson – Kaiuma Bay

- The Kaiuma Bay Residents Association held an AGM recently. Shon tendered his resignation from the Residents Association and SAG due to a change of his circumstances. Shon will forward nominees to Clr Faulls for consideration.  
Clr Faulls thanked Shon for his dedication to his community and to the Sounds Advisory Group and wished him well for his future endeavors.
- Tracey Currie - Moetapu Bay –
- Thanks to Clr Faulls and Kiri Whiteman (MDC Parks & Open Spaces) for advocating for the new double-sided mirror and roading sign. The community are very pleased.

Attendance: 2.30 pm Braden Moleta withdrew from the hui.

Attendance: 2.41 pm Shon Emerson withdrew from the hui

### 13. General Business

a) Kiri Whiteman -Parks and Open spaces Officer

Kiri introduced herself to the group and advised members to contact her regarding their local parks and reserves matters.

[0Parks@marlborough.govt.nz](mailto:0Parks@marlborough.govt.nz)

<https://www.marlborough.govt.nz/recreation/parks-and-open-spaces>

b) 2025 Meetings

To be held in the Committee Room / Teams at Council from 10 .00 am till 3.00 pm. Please add these dates to your calendars and email Bernadette if you would like to suggest an agenda item.

1. Monday 25 August
2. Monday 17 November

c) Distribution of minutes

The minutes cannot be emailed to members and residents associations or added to the Council website until they are approved by Environment and Planning Committee and then at the next Full Council meeting.

**The next Environment and Planning Committee meeting is on 17 July and the Full Council meeting is 4 August.**

Minutes will be emailed without the appendices as the full minutes will be available on Councils website.

All past minutes are found here

<https://www.marlborough.govt.nz/environment/coastal/community-involvement/sounds-advisory-group>

Link to the ShareFile

<https://marlboroughdistrictcouncil.sharefile.com/public/share/web-sf40334541e404c42bcb8337d539b7413>

There being no further general business, the hui closed at 3.00. pm.

## 14. Matters Arising

|   | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Person Responsible                                                                      |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1 | Agenda item for 17 November hui: Invite Chris Duckworth from the Rural Youth and Adult Literacy Trust (RYALT).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Clr Faulls / Bernadette                                                                 |
| 2 | Agenda item for 25 August. Invite Mark Lucas (Solid Waste Manager) and Georgie Sullivan (Waste Minimisation Coordinator), Stephen Rooney (Operations & Maintenance Engineer) to provide update on the Waste Bylaw.                                                                                                                                                                                                                                                                                                                                                                                                                          | Bernadette                                                                              |
| 3 | Invite Marlborough Emergency Management to the August meeting to give an update on the Alpine Fault workshop held in May.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bernadette to add to the agenda for August.                                             |
| 4 | Harbourmasters update.<br>Invite the Harbourmaster to the next hui in August.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Bernadette to add to the agenda for August.                                             |
| 5 | Invite Jamie Sigmund (Strategic Planner -Implementation & Review) to the August hui to speak on climate change response and readiness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bernadette to add to the agenda for August.                                             |
| 6 | Email <ul style="list-style-type: none"> <li>The Environment Committee agenda item and PowerPoint which shows the fee process.</li> <li>Smartmap link instructions to check on GPS on moorings.</li> <li>Website link in LIMS that will convert the old GPS location to the new location.</li> <li>Information on where recent renewals information is on the MDC website for consent numbers for moorings and/or wastewater systems so members can see what information was required.</li> <li>Provide the information that was supplied to councilors regarding mining and the difference between central and local government</li> </ul> | Gina Ferguson<br>Update: Emailed to members on 2 July                                   |
| 7 | Invite the Forestry Monitoring Officer to speak to members at next meeting on how earthworks, harvesting, sediment etc is monitored by Council.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bernadette                                                                              |
| 8 | Email: <ul style="list-style-type: none"> <li>Link from MDC website for the estuary report.</li> <li>Keep off the Seagrass brochure.</li> <li>Provide the Keep off the Seagrass signs to Carey Virtue in Endeavour Inlet and for Kevin Bright for Torea Bay. Secretary to provide Katie and Jorgia their email addresses to connect.</li> </ul>                                                                                                                                                                                                                                                                                             | Katie Littlewood / Jorgia McMillan / Bernadette<br>Update: Emailed to members on 2 July |
| 9 | Invite Rachel Russell to give a Te Hoiere Project update at the 17 November hui.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Bernadette to add to the November                                                       |

|    | Action                                                                                                                                                         | Person Responsible                      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|    |                                                                                                                                                                | agenda                                  |
| 10 | Invite Fern McCraw to the August hui to make connections with the community group representatives.                                                             | Bernadette                              |
| 11 | Email the Tennyson Inlet Road forecast to Beryl Archer.                                                                                                        | Steven Murrin                           |
| 12 | Investigate complaints that the Antenno app seems to be sending delayed roading messages.                                                                      | Steve Murrin / Wayne Oldfield           |
| 13 | Add to the agenda a reminder for members to think of specific things they want Marlborough Roads to speak on.                                                  | Bernadette                              |
| 14 | Clr Faulls to contact Steve Murrin and Wayne Oldfield from Marlborough Roads regarding the Waiteria Bay jetty outcome on behalf of Braden Moleta.              | Clr Faulls                              |
| 15 | Email link to Weed buster's website.                                                                                                                           | Bernadette<br>Update: Emailed on 2 July |
| 16 | Members to consider Dr Heath's proposal and email Alan Johnson or Clr Faulls their thoughts. Clr Faulls and Alan will then discuss and come back to the group. | All                                     |

## Appendix 1: Information from Gina Ferguson, Group Manager Consents and Compliance Smart Map Mooring Instructions.

### Mooring information in Smart Map

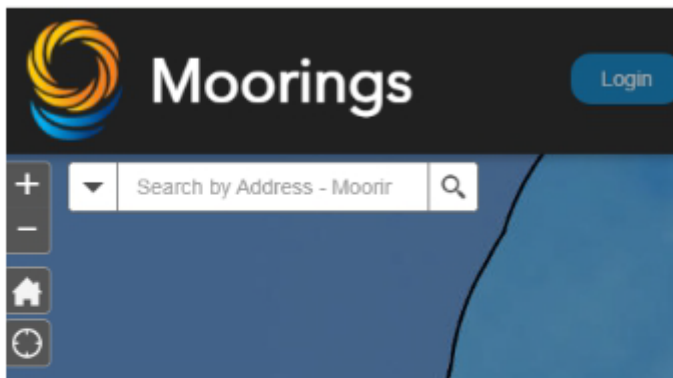
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Link to smart maps <https://smartmaps.marlborough.govt.nz/smaps/>

Select Mooring smart map.



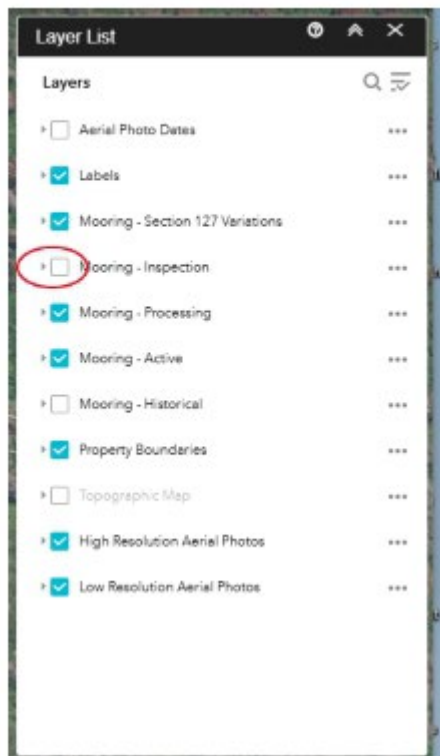
Use drop down on left hand side to search by Address, consent holder, mooring number, place or road name.



To see the inspection swing circle vs the consented swing circle click layers.



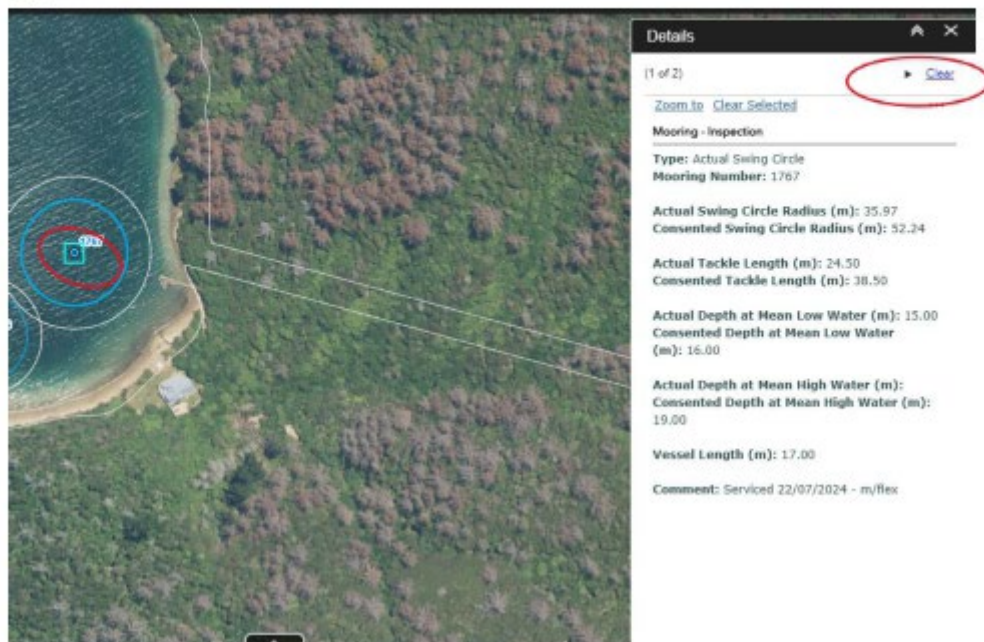
In the list click Mooring -Inspection



The blue circle is the inspected swing circle the white circle is the consent swing circle. E.g. Randomly selected



To access the information on the mooring including GPS coordinates. Click the mooring number point, on the left of the page details will appear. To get further information including GPS click in the arrow to get to page two.



**Details**

(1 of 2) [Clear](#)

[Zoom to](#) [Clear Selected](#)

**Mooring - Inspection**

Type: Actual Swing Circle  
Mooring Number: 1767

Actual Swing Circle Radius (m): 35.97  
Consented Swing Circle Radius (m): 52.24

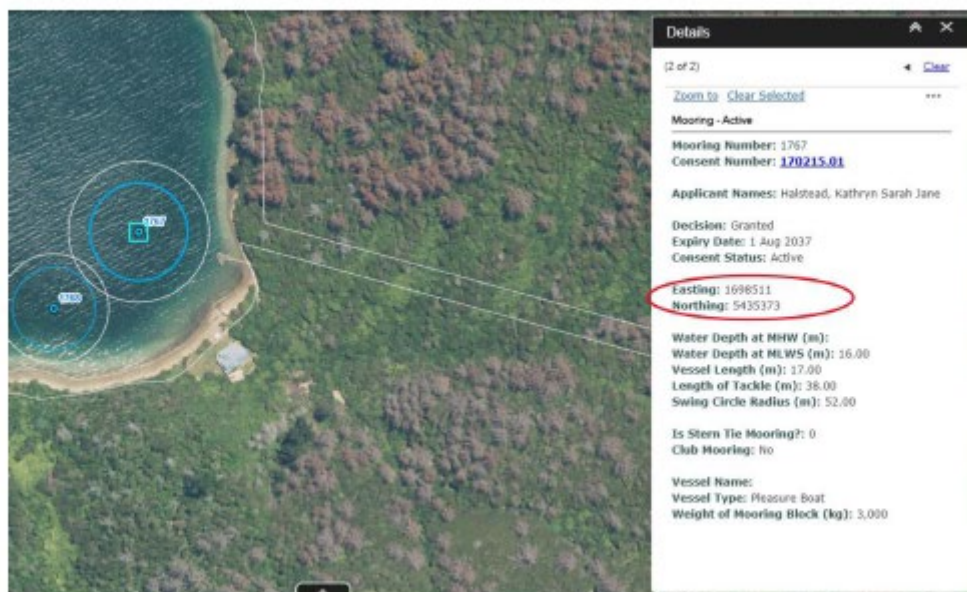
Actual Tackle Length (m): 24.50  
Consented Tackle Length (m): 38.50

Actual Depth at Mean Low Water (m): 15.00  
Consented Depth at Mean Low Water (m): 16.00

Actual Depth at Mean High Water (m):  
Consented Depth at Mean High Water (m): 19.00

Vessel Length (m): 17.00

Comment: Serviced 22/07/2024 - m/flux



**Details**

(2 of 2) [Clear](#)

[Zoom to](#) [Clear Selected](#)

**Mooring - Active**

Mooring Number: 1767  
Consent Number: [170215.01](#)

Applicant Names: Halstead, Kathryn Sarah Jane

Decision: Granted  
Expiry Date: 1 Aug 2037  
Consent Status: Active

Eastings: 1698511  
Northings: 5435373

Water Depth at MHW (m):  
Water Depth at MLWS (m): 16.00  
Vessel Length (m): 17.00  
Length of Tackle (m): 38.00  
Swing Circle Radius (m): 52.00

Is Stern Tie Mooring?: 0  
Club Mooring: no

Vessel Name:  
Vessel Type: Pleasure Boat  
Weight of Mooring Block (kg): 3,000

## Online Resource Consent Inform

### Online Resource Consent Information

---

Online through our property files system there are many examples of wastewater applications within the Marlborough Sounds that may be of assistance in outlining what information is required:

Property Files online link <https://www.marlborough.govt.nz/services/property-files-online>

Under "Search by" use the drop down and select "Resource Consent Number". In the "Resource Consent Number" enter in the consent number. Don't forget to include "U" at the beginning.

Search by

Resource Consent Number



Resource Consent Number

U252000

Keyword (optional)

SEARCH

Click "search", you will be taken to an Online Process and Disclaimer page link "accept" and you will be taken to the online resource consent file.

### Online Process and Disclaimer

The information provided is made available under the Local Government Official Information and Meetings Act 1987 (LGOIMA). Council accepts no liability for any error, omission, or inaccuracy of the information or from any use of or reliance on the information provided.

The information provided does not constitute a Land Information Memorandum or any similar document.

For further information on your privacy rights, please view the Council's [Privacy Statement](#).

ACCEPT

DECLINE

The online resource consent file will look like the below, click on the arrow on the left and the file list of subfiles and files will come up. Note: Randomly selected wastewater permit used as example.

U250399

Keyword (optional)

SEARCH

---

✓

To discharge a maximum of 1,320 litres/day of treated human effluent to land via dripline.  
U250399

22 May 2025

Scroll down to locate "application" and click

|                                                                                                                                             |             |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <div> <div>^</div> <div>To discharge a maximum of 1,320 litres/day of treated human effluent to land via dripline.<br/>U250399</div> </div> | 22 May 2025 |
| <div> <div>✓</div> <div>Working Papers<br/>U250399WP</div> </div>                                                                           | 22 May 2025 |
| <div> <div>✓</div> <div>Monitoring<br/>U250399M</div> </div>                                                                                | 22 May 2025 |
| <div> <div>Application (10MB)<br/>Record: 25106215</div> </div>                                                                             | 22 May 2025 |
| <div> <div>Decision Document (161KB)<br/>Record: 25114179</div> </div>                                                                      | 04 Jun 2025 |

The application will show as a download file for you to view.

The below are a couple of randomly selected recently granted domestic wastewater discharge permits which may be helpful to view through Council online property files, they are a mix of new, renewal, secondary and primary systems.

U250399, U250327, U250286

The mooring consent application form (Attached: this form has been accepted for straight forward applications; this is currently not finalised. Once the pMEP is operative this will be finalised and available on Councils website.) and supporting information set out the requirements for a mooring application.

[https://www.marlborough.govt.nz/repository/libraries/id:2ifzri1o01cxbymxkvwz/hierarchy/documents/services/resource-consents/rc-applying-for-a-rc-supporting-information-list/RAF0021\\_SupInfo\\_Swing\\_or\\_Stern\\_Tie\\_Mooring.pdf](https://www.marlborough.govt.nz/repository/libraries/id:2ifzri1o01cxbymxkvwz/hierarchy/documents/services/resource-consents/rc-applying-for-a-rc-supporting-information-list/RAF0021_SupInfo_Swing_or_Stern_Tie_Mooring.pdf)

In addition, a couple of randomly selected recently granted mooring permits. U250083, U250533 and U250410.

## Mooring Application Form



# Application for Resource Consent for Vessel Mooring

**This application is made under Section 88 of the  
Resource Management Act 1991**

**Please read and complete this form thoroughly and provide all details relevant to your proposal.** If you wish to discuss any aspect of your proposal, the words used in this form, or the application process, please get in touch with the Duty Planner at Council, who is here to help.

This application will be checked for completeness. If further information is required, you will be advised accordingly. The application will only be processed further once all the required information has been provided.

| For Office Use        | ISO 9001<br>Document Number:<br>RAF0002-Q2563 |
|-----------------------|-----------------------------------------------|
| Lodgement Fee Paid \$ | _____                                         |
| Receipt No:           | _____                                         |
| Consent No:           | _____                                         |
| Case Officer:         | _____                                         |
| Date received:        | _____                                         |

### 1. Applicant Details *(if a trust, list full names of all trustees.)*

Name: \_\_\_\_\_  
*(full legal name)*

Company/Trust Number: \_\_\_\_\_  
*(if applicable)*

#### Contact Details

Contact first name: \_\_\_\_\_ Contact surname: \_\_\_\_\_

Electronic Address for Service: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
*(including post code)*

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

### 2. Agent Details *(if your agent is dealing with the application, all communication regarding the application will be sent to the agent.)* *(if applicable)*

Name: \_\_\_\_\_

Electronic Address for Service: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
*(including post code)*

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

### 3. The Proposed Activity

Summarise the proposed activity:

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### 4. Location

Provide the bay name or other well-known nearby place name:

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### 5. Existing Coastal Permit Details

If the mooring has an existing coastal permit, provide the following details:

Existing Permit Number (eg. U140123): \_\_\_\_\_

Existing Mooring Number: \_\_\_\_\_

### 6. Proposed Mooring Details

Provide the proposed coordinates of the mooring block:

Easting: \_\_\_\_\_ Northing: \_\_\_\_\_

*New Zealand Transverse Mercator 2000 (NZTM2000) coordinates take the format of a paired seven digit Easting and Northing (for example E1684391, N5428720). If the mooring is a stern-tie or similar mooring, please include the coordinates of both anchoring points.*

Water depth at the mooring site at Mean Low Water Springs (MLWS): \_\_\_\_\_

Total length of tackle from mooring block to vessel (see guidelines in Appendix 1): \_\_\_\_\_

### 7. Proposed Vessel Details

Maximum length of vessel proposed to use the mooring: \_\_\_\_\_

*If more than one vessel will use the mooring, specify the length of the largest vessel. If granted, the coastal permit will be for the length of vessel specified in the application. To moor a vessel exceeding the consented length will require a further application process with Council.*

The vessel to be moored is:

Pleasure/recreation boat ☐

Commercial vessel ☐

Barge/working platform ☐

Swimming platform ☐

Other (please specify): \_\_\_\_\_

## 8. Consultation

Consultation with persons who may be affected by the mooring(s) can have a bearing on the outcome of the application. Consultation involves discussing the proposal with others who may be affected by it, considering their responses, and deciding what will be done (if anything) to account for their concerns. However, there is no obligation under the Resource Management Act for the applicant to consult any person.

For moorings – proposed or existing – the main persons who may be potentially affected are neighbouring mooring owners, nearby land owners and Te Tau Ihu (top of the South Island) iwi that have a statutory acknowledgement for the area.

### Statutory Acknowledgements

A statutory acknowledgment is legal recognition of the particular cultural, spiritual, historical and traditional association of an iwi with an identified statutory area. Statutory acknowledgements for each of the Te Tau Ihu iwi form part of their respective Treaty of Waitangi settlements with the Crown. The settlements were legislated in 2014 and were enacted on 1 August 2014. The eight iwi of Te Tau Ihu to which these statutory acknowledgements relate across the Marlborough Sounds are as follows:

|                       |                            |
|-----------------------|----------------------------|
| Ngāti Apa ki te Rā Tō | Ngāti Rārua                |
| Ngāti Kuia            | Ngāti Tama ki Te Tau Ihu   |
| Rangitāne o Wairau    | Te Ātiawa o Te Waka-a-Māui |
| Ngāti Koata           | Ngāti Toa Rangatira        |

Each of the above iwi have a statutory acknowledgement covering the coastal marine area of the entire Marlborough Sounds, and are therefore informed of every resource consent application affecting that area. If an applicant wishes to consult any one or more of the iwi prior to making an application, iwi contact details are on Council's website <https://www.marlborough.govt.nz/your-council/tangata-whenua> or the Te Puni Kokiri website <https://www.tkm.govt.nz/region/te-tau-i-hu/>

*If undertaken in respect of the proposed mooring(s), please outline below the outcomes of consultation carried out with any iwi or other person:*

[illegible]

## 9. Assessment of Effects on the Environment

The applicant's assessment of effects on the environment should enable the consent authority (Council) and any affected persons (such as iwi and/or nearby mooring or land owners) to understand what will or may happen to the environment as a result of the proposal.

In your opinion, is the proposed moored vessel(s) likely to adversely affect the following:

- the navigation and safety of other boats, including any other moored boat: ☐ Yes ☐ No
- existing submarine cables, other utilities or infrastructure: ☐ Yes ☐ No
- recreational use of the coastal marine area, including short-term anchoring: ☐ Yes ☐ No
- amenity values of adjoining residents or land with high recreational value: ☐ Yes ☐ No
- the open space character of the coastal marine area: ☐ Yes ☐ No
- the natural character, landscape or ecological values of the site: ☐ Yes ☐ No
- the cultural and customary values of the site, including access for customary purposes: ☐ Yes ☐ No
- the operation of any existing or consented activity in the area: ☐ Yes ☐ No
- any recognised anchorage of refuge: ☐ Yes ☐ No

*If you wish to, please provide below or attach additional pages with a further explanation of the likely effects of the proposed moored vessel, particularly if you answered 'yes' to any of the above matters:*

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

## 10. Assessment of Objectives and Policies

The Resource Management Act 1991 (the Act) requires the application to include an assessment of the relevant objectives and policies of the applicable resource management documents. In the case of moorings generally, the following policies of the Marlborough Environment Plan are likely to be of relevance. If other policies are of relevance to the specific mooring proposed, Council may seek further information from the applicant.

*Policy 13.9.1(d) – What practicable land-based storage options and/or alternative access points are available for the boat/s?*

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*Policy 13.9.2 – What nearby land or commercial activity would the mooring be used in connection with?*

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*Policy 13.9.9 – What consideration have you given to the mooring type and design in order to minimise disturbance to the seabed? For example, tackle which does not contact the seabed.*

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## 11. Other Information

Please provide below, or attach separately, any further relevant information which you wish Council to take into account when considering your application for a vessel mooring.

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## 12. Application Processing Fees

The applicable lodgement (base) fee is to be paid at the time of lodging this application. If payment is made into Council's bank account 02-0600-0202861-02, please put Applicant Name and either U-number, property number or consent type as a reference.

If you require a GST receipt for a bank payment, please tick ☐

The lodgement fee is a deposit toward the overall accumulated cost of processing this application. The final cost of processing the application will reflect the actual time and costs in accordance with Council's charging policy. If the final cost exceeds the lodgement fee, an invoice will be issued (if final costs are less, a partial refund will be made).

Invoices are due for payment on the 20th of the month following invoice date. Council may stop processing an application until an overdue invoice is paid in full. Council charges interest on overdue invoices at 15% per annum from the date of issue to the date of payment. In the event of non-payment, legal and other costs of recovery will also be charged.

Please choose below who such an invoice will be sent to:

**Applicant** ☐

**Agent** ☐

(if neither is ticked the invoice will be sent to the Applicant)

## 13. Declaration

I (please print name) \_\_\_\_\_  
confirm that the information provided in this application and the attachments to it are accurate.

Signature of applicant or authorised agent: \_\_\_\_\_

Date: \_\_\_\_\_

### Privacy Information

The information you have provided on this form is required so that the application can be processed and so that statistics can be collected by Council. The information will be stored on a public register and held by Council. Details may be made available to the public about consents that have been applied for and issued by Council. If you would like access to or make corrections to your details, please contact Council.

The details of your application and any related communications will be made available to the public on the Council property files. If there is any communication or information that you would like to remain confidential, please note this in your communications with Council officers, or contact the Council's Privacy Officer at [privacy@marlborough.govt.nz](mailto:privacy@marlborough.govt.nz). Please note that your (the applicant) main details (name and address) cannot be confidential.

For further information on your privacy rights, please see Council's Privacy Statement on the website [www.marlborough.govt.nz](http://www.marlborough.govt.nz).

## Appendix 1

### Mooring Construction Guidelines

These guidelines are not intended as a substitute for the need to address the particular seabed and weather conditions encountered at each individual mooring site. It is recommended that you consult a professional mooring provider and/or chartered professional engineer for site specific advice tailored for the vessel/s to be moored.

Be aware that risk cannot be completely eliminated in the mooring of a vessel.

Council does not accept any responsibility for any loss or damage which may occur as a consequence of the use of these guidelines or otherwise.

#### Construction Specifications

| Mooring Class | Vessel Length  | Block Weight                                                                                       | Ground Chain Diameter (mm) | Mooring Chain Diameter (mm) | Rope Diameter (mm) |
|---------------|----------------|----------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|--------------------|
| Class A       | Up to 6 metres | 1 tonne                                                                                            | 24                         | 16                          | 20                 |
| Class B       | 6 – 12 metres  | 2 tonnes                                                                                           | 32                         | 20                          | 20                 |
| Class C       | 12 – 16 metres | 3 tonnes                                                                                           | 38                         | 20                          | 24                 |
| Class D       | 16 – 18 metres | 4 tonnes                                                                                           | 38                         | 20                          | 28                 |
| Class E       | > 18 metres    | Vessel specific design by a chartered professional engineer with experience in mooring structures. |                            |                             |                    |

- Shallow water moorings in a depth of 5 metres or less to be designed to suit with respect to these guidelines.
- Total length of the chain to be the depth of water at mean high water springs with one third of this chain to be ground chain. (*see below*)
- Length of the rope to be equal to the depth of water at mean high water springs. (*see below*)  
*The total length of the mooring tackle should be equal to twice the water depth at Mean High Water Springs at the mooring site. Generally, mooring tackle consists of a combination of chain and rope totalling twice the water depth.*
- All shackles must be welded.
- Swivels may be used at the mooring provider's discretion, but where these are used, the size of the swivel must be commensurate with that of the chain.
- Anodes may be used at the mooring provider's discretion.
- All mooring blocks must be designed by a Chartered Professional Engineer with expertise in mooring structures and be made to those specifications.
- Similar metals are to be used throughout.
- Moorings of different design and/or manufacture will be considered on a case by case basis. As a minimum, such moorings must be supported by appropriate Chartered Professional Engineer design drawings and certification.

#### Mooring Inspection Requirements

- Moorings must be recovered to the water surface for the purpose of inspection.
- All tackle is to be replaced at 20% wear.
- Moorings must be inspected at intervals not exceeding 2 years.
- A completed mooring inspection report must be forwarded to the Manager Resource Consents, Marlborough District Council, not later than 30 days after the inspection.



# MOORING MONITORING OVERVIEW

Vanessa Hantz  
Compliance Monitoring Administrator Officer

[marlborough.govt.nz](http://marlborough.govt.nz)

## Background

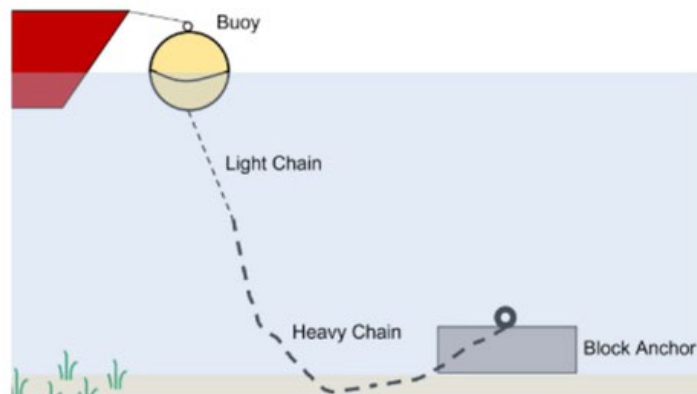
The pMEP requires moorings in the coastal marine area to obtain a coastal permit. Laying a mooring in Marlborough's coastal marine area without a permit, or in breach of a permit condition, is an offence under s12 of the Resource Management Act 1991 (RMA).

There are 2,912 moorings currently consented within the Marlborough Sounds covering Croisilles Harbour, Port Underwood, and the Pelorus and Queen Charlotte Sounds.

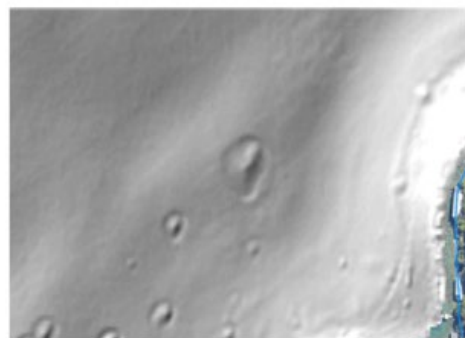
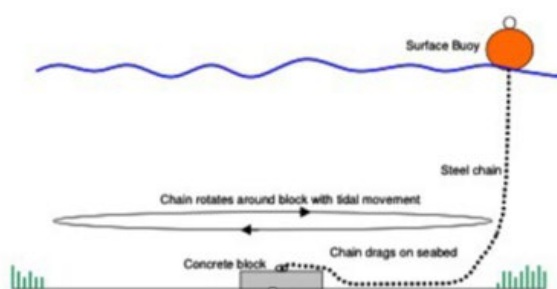


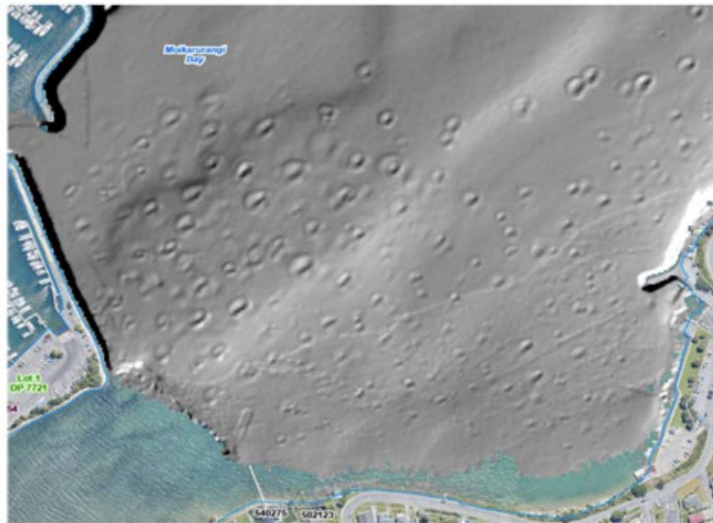
[marlborough.govt.nz](http://marlborough.govt.nz)

## Swing Mooring

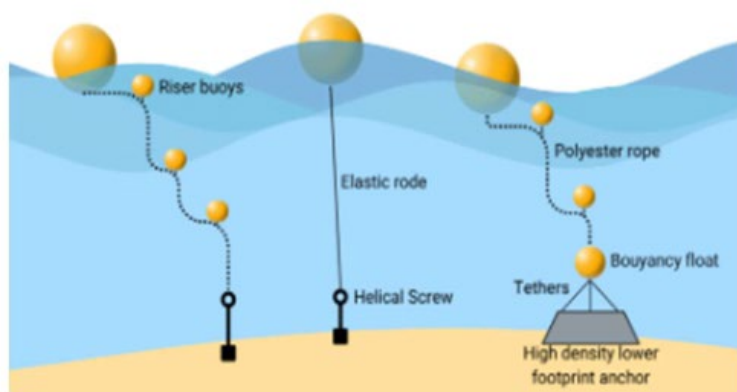


## Seabed Scouring





## Non-Disturbance Mooring Systems



## Mooring Inspection Certificates

# MARINE SERVICES NZ LTD

11 Auckland Street, Phone 7220 New Zealand  
 Email: [info@marineservicesnz.com](mailto:info@marineservicesnz.com)

---

**NAME:** \_\_\_\_\_

---

**BOOKING DETAILS:**      901 DOUBLE COVE

**MOORING NO/TA:**      3429714

**STARTING MONTH:**      10/24/25

**BOOKING LENGTH:**      1.5 TONNE

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## U150036 RC expiry 1 October 2035

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Marine Services NZ Ltd, your Mooring Provider has completed a comprehensive survey of your mooring system. As required we have replaced components or repaired to ensure the life of your mooring for up to 2 years. (Details of this are attached to our Invoice).

During the next two year period, your mooring anchor was attached to your vessel and over your lifetime may be checked periodically as some vessels have very poor longevity of attachment. Marine Services NZ Ltd has visited NZL moorings and a satisfactory record has been filed to reduce electrolysis in your steel components.

It is imperative that your vessel's electrical system is in good working order as it may affect the life of your mooring. This certificate has been awarded to the Manurewa District Council (PO Box 443) **in Auckland** on your behalf.

Thank you for contacting USNZ Ltd as your mooring supplier.

Yr. Helms: \_\_\_\_\_

Marine Services NZ Ltd (P/NZD)

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| SERVICING ON:             | 29.01.2025 | MOORINGS:  | YES                      | NO                       |
|---------------------------|------------|------------|--------------------------|--------------------------|
| DRILLING, WELDING, LENGTH | 1.0M       | Yellow Tag | <input type="checkbox"/> | <input type="checkbox"/> |
| WELDING                   | 11.0M      | WFL        | <input type="checkbox"/> | <input type="checkbox"/> |
| WFL                       | 13.0M      | Name       | <input type="checkbox"/> | <input type="checkbox"/> |
| BLACK P LENGTH            | 2.1M       | Number     | <input type="checkbox"/> | <input type="checkbox"/> |

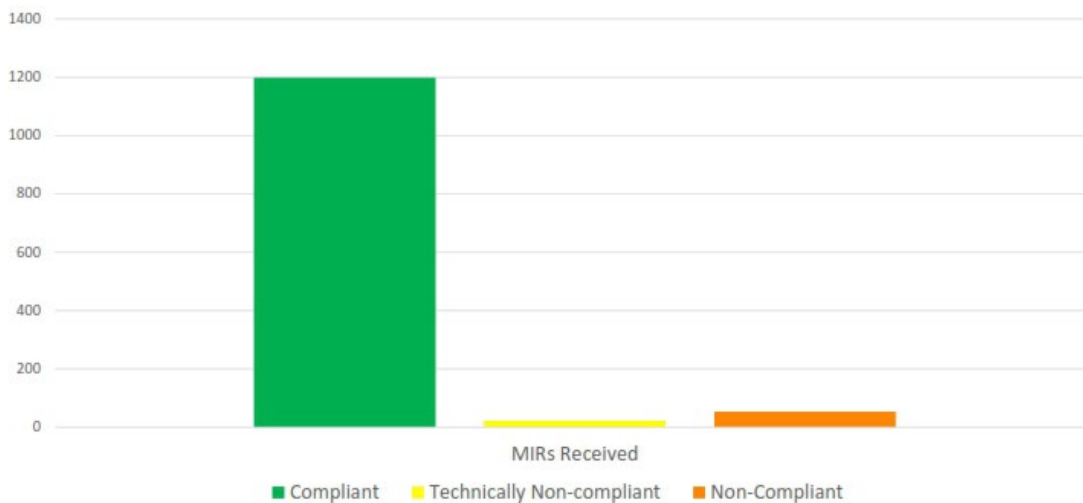
---

**VERY IMPORTANT:**

Mooring growth is measured every year. It is our recommendation that you keep a careful note of any mooring length and the date it occurs that it then alters. Check

[illegible]

## Mooring Inspection Reports Compliance Levels 2023/24



## Non-Compliance



marlborough.govt.nz

## Overall Mooring Compliance Levels 2023/24



marlborough.govt.nz

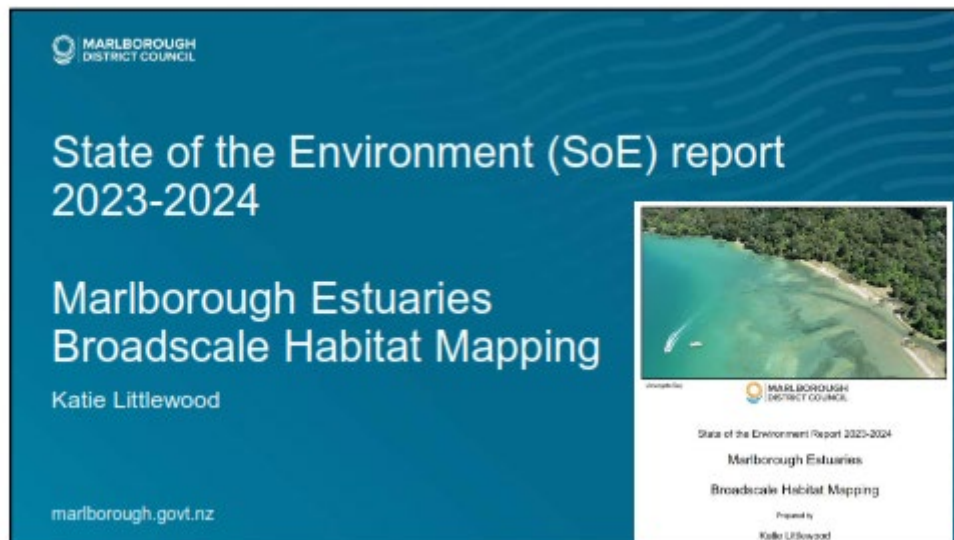
## Compliance Action

Council continues to work with resource consent holders until compliance with their consent is achieved.

During the 2023/24 monitoring period, letters of education and letters of direction were sufficient enforcement tools to address the identified non-compliance with no infringement notices or abatement notices being required to be issued.



**Appendix 2: State of the Environment Report on Marlborough Estuaries – Katie Littlewood, Principal Coastal Scientist**



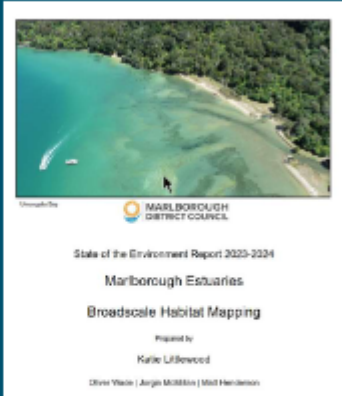
MDC has statutory obligations to monitor and report on the state of the environment including estuaries within our Coastal Marine Area. Council has been monitoring estuaries within our CMA since 2001 and like most councils have adopted the nationally standardized methodologies prescribed in the New Zealand National Estuary Monitoring Protocol.

Historically our estuary monitoring has been limited to priority sites utilising contractors, due to limited resources and capacity. However in 2022 Council co-developed the Marlborough Estuaries Monitoring Plan with Salt Ecology.

This plan outlines methodology for monitoring estuaries in our rohe, and establishes a prioritisation method based on an Ecological Vulnerability Assessment (EVA).

After each estuary is scored using the EVA, it was put into a tiered monitoring schedule based on its EVA score. The tiered monitoring schedule is from 1 – 3 where tier 1 estuaries are monitored more frequently, and tier 2 and 3 estuaries are monitored less frequently.

The Monitoring Plan is crucial for us to manage the tasks of monitoring and reporting on our estuaries. We have over 65 estuaries in our rohe, so its crucial that we have robust schedules and methodologies so that we make informed decisions to manage these ecosystems.



## SoE Report

- Overview
- Methodology
- Results
  - Inner Tōtaranui
  - Outer Tōtaranui
  - Kura te Au
- Summary & Recommendations


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As per the Council estuaries monitoring schedule, Broadscale habitat mapping was conducted at 13 estuaries within the Marlborough CMA in 2023-2024. This was the first time that these particular systems have been monitored.

## Overview




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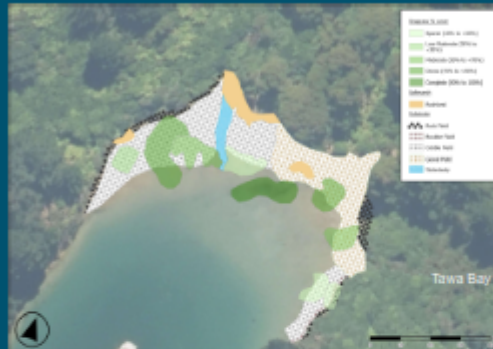
As a quick visual reference this map shows the 13 estuaries that we mapped and reported on in this report.

# Broadscale habitat mapping – methodology

## 1. Site Visit



## 2. Digitisation



Broadscale habitat mapping involves categorising and mapping the spatial extent and location of dominant habitats (such as mudflats, saltmarsh, seagrass beds) and substrate composition (such as gravel, sand, mud, cobble etc)

Mapping these habitats and substrates are an excellent way to monitor estuaries as changes to these features are valuable indicators of estuary condition over time.

Essentially, we carry out a site visit which involves walking the estuary extent at MLWS and mapping dominant habitats and substrate onto field maps. During the site visit we take GPS tracks, and georeferenced photographs and hand draw key features and notes onto aerial images.

When we get back to the office, we digitise all of this information into GIS and create a shapefile of the estuary which looks something like this. Digitising it this way, we can see dominant habitats such as mudflats, saltmarsh and seagrass extent as well as substrate types. For example here we can see dominant substrates of cobble and gravel, the fringing saltmarsh and seagrass beds.

Not only can we see spatial extent of these habitats, but we can also visualise percentage coverage or density. This part is particularly important for seagrass and mud deposition as while these may not change spatially overtime, coverage may increase or decrease.

The good thing with digitizing in this way is that once a baseline map has been constructed, any changes to these dominant features can be monitored and reported on through repeat mapping. Essentially we can overlay each version of the shapefiles to see any changes through time.

## Why is estuary health important?



marlborough.govt.nz

So why is estuary health important?

Estuaries are ecologically, culturally and commercially important and are a valuable habitat for a broad range of flora and fauna. Healthy estuaries provide essential ecosystem services such as those listed up here in green.

Because estuaries act as the transitional zone between terrestrial, freshwater and marine they are particularly vulnerable to anthropogenic pressures like those listed up here in orange.

These pressures have significant impacts on our estuaries leading to degradation, pollution, habitat loss and increased sedimentation.

Ultimately estuary habitat mapping allows us to do effective monitoring and manage and make informed decisions to ensure the long term sustainability of these important ecosystems.

## Broadscale habitat mapping – methodology

### 3. Analysis

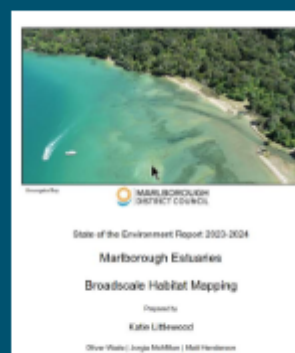
| Indicator               | Unit                          | Very good   | Good       | Fair       | Poor   |
|-------------------------|-------------------------------|-------------|------------|------------|--------|
| Mud-dominated substrate | % of intertidal area >50% mud | < 1         | 1 to 5     | > 5 to 15  | > 15   |
| Seagrass                | % decrease from baseline      | < 5         | > 5 to 10  | > 10 to 20 | > 20   |
| Salt marsh extent       | % of intertidal area          | > 20        | > 10 to 20 | > 5 to 10  | 0 to 5 |
| 200m terrestrial margin | % of densely vegetated        | > 80 to 100 | > 50 to 80 | > 25 to 50 | < 25   |

Table 16: Summary of broadscale indicator condition ratings for mapped indicators at Big Bay

| Indicator               | Unit                                 | Very good        | Good | Fair | Poor |
|-------------------------|--------------------------------------|------------------|------|------|------|
| Mud-dominated substrate | % of intertidal area >50% mud        | 99               |      |      |      |
| Seagrass (>50% cover)   | % Available intertidal habitat (AIH) | 34               |      |      |      |
| Seagrass                | % decrease from baseline             | n/a <sup>1</sup> |      |      |      |
| Saltmarsh extent        | % of intertidal area                 | 100%             |      |      |      |
| 200m terrestrial margin | % of densely vegetated               | 100%             |      |      |      |

<sup>1</sup>Baseline values from the first broadscale habitat mapping in the region.

### 4. Reporting

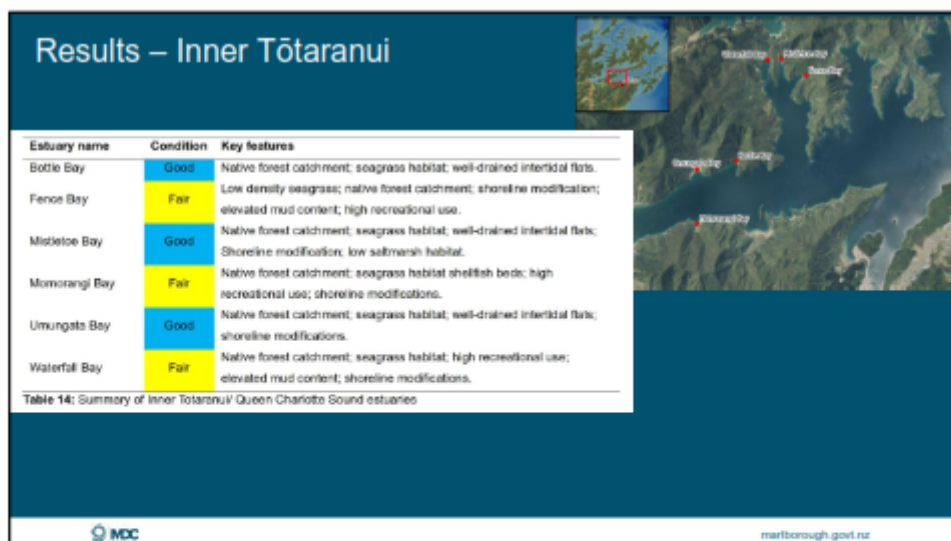


marlborough.govt.nz

The monitoring data and results are then assessed using several estuary health indicators (termed 'condition ratings'). The thresholds for these are described in the estuary monitoring plan but essentially we measure several health metrics including mud-dominated substrate, seagrass coverage and extent, saltmarsh extent and 200m terrestrial margin.

This table here outlines the indicators (which we map in the field and digitised in GIS) the unit (which is the total percentage of spatial coverage or density of each indicator) and then the rating between 'very good – poor' is applied to this indicator depending on its score. Once combined this gives the estuary an overall score of 'very good to poor'.

For an example I've included the condition ratings for Big Bay just so you can visualise what this looks like for each estuary. As we can see Big Bay is in very good condition.



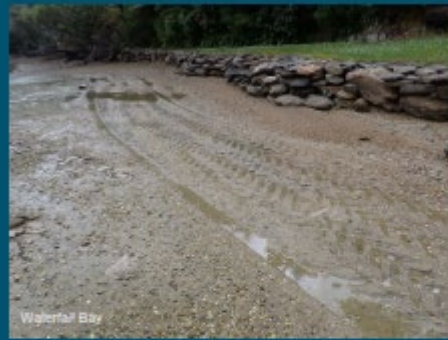
This table outlines the overall condition rating and key features of each estuary.

As you can see these estuaries are in 'fair or good' condition. They benefit from largely native forest catchments, seagrass beds, saltmarsh habitat and well drained intertidal flats. There are some modified shorelines and signs of human impacts at some estuaries, and elevated fine sediment deposition particularly in Fence Bay and Waterfall bay however, overall these estuaries all maintain high ecological value.



The images here highlight some of the key features and pressures, for example, healthy seagrass beds supporting shellfish in Umungata Bay and Bottle Bay shoreline hardening at Mistletoe Bay.

## Results – Inner Tōtaranui



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Two images from Waterfall Bay just to highlight some of the damage that is often seen in popular estuaries. So here we can see substrate scarring and tire tracks through parts of the estuary. Our educational Rimureha Campaign that Jorgia recently spoke to the committee about is a good way that we can educate land owners and public on the importance of limiting their impacts in these areas.

## Results – Outer Tōtaranui



| Estuary name   | Condition | Key features                                                                                                                                                                              |
|----------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Endavour Inlet | Very good | Native forest catchment; seagrass habitat; well-drained intertidal flats; large saltmarsh habitat; supports shellfish beds.                                                               |
| Big Bay        | Very good | Native forest catchment with unique coast-to-alpine vegetation; seagrass habitat; well-drained intertidal flats; large saltmarsh habitat; supports shellfish beds, minimal human impacts. |

Table 15: Summary of outer Tōtaranui/ Queen Charlotte Sound estuaries



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This table outlines the overall condition rating and key features of each estuary. These estuaries are in 'very good' condition. Largely attributed to their well-drained intertidal flats, low sediment composition and healthy seagrass beds, as a result of catchments that are predominantly native bush catchment. Additionally, these estuaries face minimal human pressures with limited walking and boat access.

## Results – Outer Tōtaranui



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As an example, this is the GIS shapefile from Big Bay, just to highlight the almost pristine catchment here. We can see the extensive saltmarsh, and healthy seagrass beds with the native catchment surrounding it. This catchment especially significant as it represents the only intact coast-to-alpine vegetation sequence in the Marlborough Sounds.

## Results – Outer Tōtaranui



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Images of healthy saltmarsh in Big Bay, and expansive seagrass beds in Endeavour North. This last photo is a snippet from the Endeavour Inlet East shapefile, which sits adjacent to Furneaux Lodge. It shows limited seagrass at the southern end which sees a lot of human traffic due to its location. Again this is another estuary that will benefit from the Rimurehia educational campaign we are rolling out.

## Results – Kura te Au

Estuaries in **Kura te Au/Tory Channel** are in 'fair-poor' condition due to shoreline and catchment modifications, absence of saltmarsh, seagrass, and increased sediment deposition (Table 16).

| Estuary name | Condition | Key features                                                                                                                         |
|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|
| Hitsua Bay   | Fair      | Exotic forest catchment; elevated fine sediment deposition; limited seagrass habitat; limited saltmarsh habitat; land use pressures. |
| Oyster Bay   | Poor      | Exotic forest catchment; shoreline modifications; no seagrass habitat; limited saltmarsh habitat; land use pressures.                |
| Onapua Bay   | Poor      | Exotic forest catchment; shoreline modifications; limited seagrass habitat; limited saltmarsh habitat; land use pressures.           |

Table 16: Summary of outer Kura te Au/Tory Channel estuaries



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This table outlines the overall condition rating and key features of each estuary. Estuaries in this area are in 'fair-poor' condition. This is mostly attributed to the extensive shoreline and catchment modifications which has decreased ecological value. Absence of saltmarsh, seagrass and increased sediment deposition and the catchments sit on exotic forestry.

## Results – Kura te Au



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Here are a few examples of these estuaries, this first images are from Onapua Bay, highlighting beach cast organic detritus and extensive rock battering along the edge.

## Results – Kura te Au



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These are more examples of the estuaries in Kura te Au, again dense beach cast organic detritus is common along the hightide mark and areas of fine sediment deposition.

## Summary & recommendations

1. Estuary condition is largely affected by location and associated conditions
2. Continue monitoring and reporting in line with Monitoring Plan
3. Roll out Rimurehia/Seagrass Educational Campaign
4. Signs installed at some estuaries



Tūraha atu i  
ngā rimurehia!

Please keep off  
the seagrass!



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Overall this broadscale habitat mapping indicates that estuary condition is largely affected by their location and the associated conditions.

Estuaries in the inner and outer regions of Tōtaranui/Queen Charlotte Sound are generally in 'fair to very good condition' while those in Kura te Au/Tory Channel are generally in 'fair to poor' condition affected by modifications to shoreline and wider catchment modifications.

We will continue to monitor and report on all estuaries as outlined in the Council Estuary Monitoring Plan

Some of these estuaries are good candidates for the Rimurehia/seagrass educational campaign that Jorgia spoke about at a previous committee meeting. We are currently working to install these signs at Momorangi, Umungata, Endeavour Inlet and Fence Bay and hoping to talk to landowners in areas where there were signs of human impacts from driving, anchoring and walking to help educate the public on the importance of these areas. In Kura te Au, we will continue monitoring these estuaries as per our monitoring plan and will work with the consents team when any land use changes or felling.



Phil Heath  
Fisheries New Zealand



## BMP review

### **Best management practice guidelines for salmon farms in the Marlborough Sounds**

In 2013 the Marlborough District Council (MDC) and The New Zealand King Salmon Co. Ltd. (NZKS) committed to a process to ensure Marlborough develops world-leading salmon farming practices which are environmentally and economically sustainable while making an important social and cultural contribution.

This led to the BMP guidelines that provide a framework for farm development and management, assessment of farm impacts, along with protocols to guide ongoing communications and engagement between stakeholders.

It acknowledged that salmon farming will; have some effects beyond the farm boundaries, but that these will be within levels considered acceptable under current (and future) regulatory conditions.

First Published 2015 With a 5 Year review cycle. Updates in 2019 and 2022.

Update for 2025 is now due.

BMP aimed at informing consents developed through the Board of Inquiry

[2015-11-25-BMP-Guidelines-Operational-Final.pdf](#)

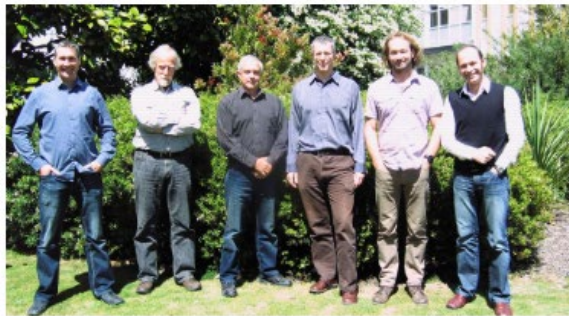


# BMP review

## 2019 Review

The 2019 review established a review team that included: MDC, NZKS, MPI, SAG with NIWA, Cawthron as science advisors.

Best management practice guidelines for salmon farms in the Marlborough Sounds. **Part 1: Benthic environmental quality standards and monitoring protocol**



Stephen Urtich, Rob Schuckard, Mark Gillard, Niall Broekhuizen, Nigel Keeley, Richard Ford.

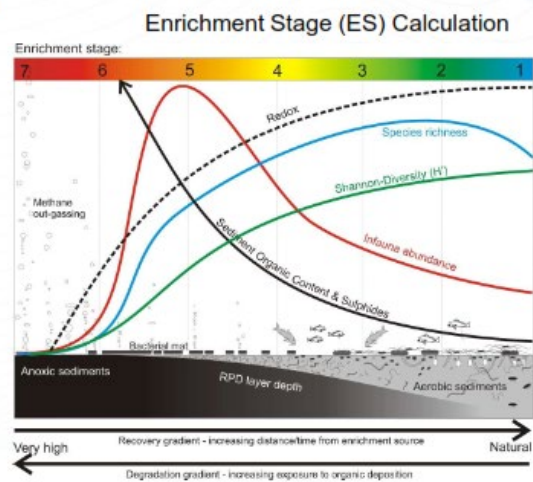
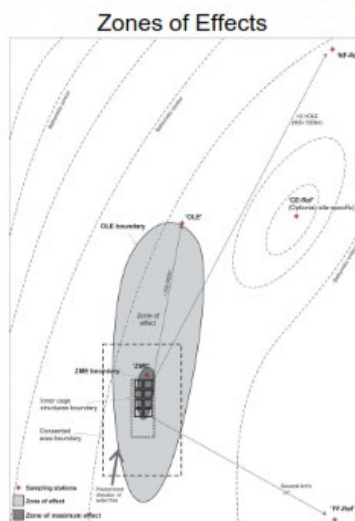
[Best Management Practice guidelines for salmon farms in the Marlborough Sounds:](#)



Fisheries New Zealand  
Tini a Tangaroa

# BMP review

## Key Aspects of Environmental Monitoring



Fisheries New Zealand  
Tini a Tangaroa

## BMP review

### Review Process

2022 - out of cycle review to incorporate technological advances to monitoring (Using bacterial meta-barcoding).

The review also addressed other changes that add clarity to the original BMP Guidelines:

- Bacterial mats
- Definition of ES5 threshold
- Variable feed discharges and time of monitoring
- Protocol for Type 1 monitoring

A register of issues for future reviews was also created.

Included consideration of broader application of the guidelines to other salmon farms.

[Best management practice guidelines for salmon farms in the Marlborough Sounds:  
Part 1: Benthic environmental quality standards and monitoring protocol \(Version 1.2,  
August 2022\)](#)



**Fisheries New Zealand**  
Tini a Tangaroa

## BMP review

### 2025 Review

NZKS commissioned Cawthron in 2024 to report on: Flow-specific enrichment stage thresholds for benthic monitoring of salmon farms in the Marlborough Sounds.

Review team convened to consider whether BMP guidelines would be appropriate for low flow sites.

Some initial progress in identifying the technical issues.

Community representation is a critical part of developing and updating the guidelines.

The previous SAG representatives are no longer part of SAG

**We are seeking a new representative to be part of the review team.**



**Fisheries New Zealand**  
Tini a Tangaroa

BMP review

**Thank You**

Philip.Heath@mpi.govt.nz



**Fisheries New Zealand**  
Tini a Tangaroa



## Topics

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Recovery Program Key Dates

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Recovery Progress

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Sediment Control

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Planned Maintenance Works

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Picton Port Access Upgrades

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SH 6 Speed Limit Changes

**Marlborough Roads**



# Current Recovery Programme and Key Target Dates

| ZONE/ACTIVITY                                 | TARGET COMPLETION DATE*                 |
|-----------------------------------------------|-----------------------------------------|
| Queen Charlotte Drive - Construction Complete | December 2025                           |
| French Pass – Construction Complete           | June 2026                               |
| Picton/Port Underwood – Construction Complete | <del>September 2025</del> December 2025 |
| Kenepuru Complex Construction Complete        | December 2027                           |
| Phase 2 Construction Complete                 | <del>July 2025</del> March 2026         |
| Design Complete                               | September 2025                          |
| Landowner agreements                          | Inline with overall programme           |

\*Picton/Port Underwood delayed due to issues with securing a spoil dump site.  
Phase 2 pushed out due to surplus funding being able to be used for Portage Stormwater

## Progress-French Pass Road



## Progress- Torea Ramp



## Marlborough Roads



## Progress- Pukenui Road



## Marlborough Roads



## Progress- Tennyson Hill and Punga Cove



WAKA KOTAHI  
WAKA KOTAHI  
WAKA KOTAHI

## Major Construction Underway

- Kenepuru -Portage Heights- Completion October
- Queen Charlotte Drive - September
- Kenepuru-Island Point – Completion October
- French Pass- Elaine Bay Intersection- June



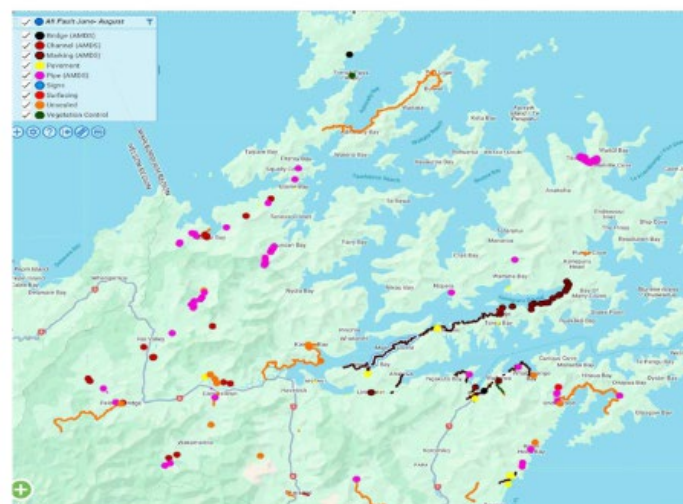
## Sediment Control- Crushed Mussel Shell Socks



## Marlborough Roads



## Planned Maintenance Works June - August



## Marlborough Roads



## Picton Port Access Upgrade

State Highway 1 revocation project is underway.

This includes intersection improvements along Kent Street and Auckland St

Public consultation to start this week



## Picton Port Access Upgrade

### Lagoon Road/Dublin Street/Kent Street/Queen Charlotte Drive roundabout

We will be upgrading the existing roundabout to improve access to and from the Bluebridge and Interislander ferry terminals for all vehicles.

The roundabout will improve safety for everyone using the road. The dual car lanes will increase capacity for ferry loading and unloading and will allow for a better flow of traffic exiting Lagoon Road onto Kent or Dublin streets. The new left turn from Queen Charlotte Drive onto Lagoon Road will also result in a safer, more efficient intersection.

A new refuge crossing will be installed on Lagoon Road to assist people crossing the road, particularly those with passengers on Bluebridge ferry sailings. Improved footpaths and cycle connections will also be included improving visibility to people driving through the roundabout.

Utility services will be relocated, and straightlights will be upgraded at the same time.

To widen the road on Kent and Dublin Streets, we will remove 8 on-street parks on Dublin Street and 15 on-street parks on Kent Street. There will still be parking available in other areas on Dublin and Kent Streets.



### Auckland Street/Dublin Street intersection

We're changing the priority of this intersection, which means changing where the give way or stop signs are placed. The priority of traffic will change so that vehicles travelling on Dublin Street have the right of way and those travelling on Auckland Street give way, improving access into the Picton town centre and reduce queuing over the rail level crossing.

We will install 2 pedestrian refuge crossings. We will need to also remove 2 on-street parks on Dublin Street to ensure clear sight lines at the intersections.

Straightlights will also be upgraded at this intersection site.

These changes are needed regardless of any future decisions on a Dublin Street overbridge, or any future changes with the ferries.



**Key**  
 New footpath  
 New driveway  
 New island  
 New berm  
 New unmarked shoulder  
 New cycle markings  
 New left turn  
 Car parks removed

On-street parking removal and additions are approximate only as parking spaces are not marked out on most of the roads.

### Wairau Road/Kent Street intersection

We're changing the priority of this intersection, which means changing where the give way or stop signs are placed. This will improve traffic flow to and from the port and help people navigating the local roads.

To enable this change Kent Street will become the continuation of SH1 leading down to Lagoon Road and the port. We'll install a right-hand turn bay to provide people with access to Nelson Square. To allow for this change, and to improve safety at this intersection, Kent Street South will be closed.

We're working with Marlborough District Council to ensure rubbish and recycling collection will be maintained for Kent Street South.

Access to the garage on Wairau Road will remain. Changes to the access from Kent Street will be made to accommodate the closure of Kent Street South.

To accommodate the widened road, improve visibility and provide a shoulder for cyclists, we will need to remove 32 on-street parking spaces here.

We'll improve footpaths, lighting and wayfinding to provide clear direction to people travelling to and from the ferry terminals and to the town centre.



**Marlborough Roads**

WAKA Kotahi

## SH6 Speed Limits



- New speed limits come into effect today

## Appendix 5: Biosecurity Update - Liam Falconer



# Biosecurity Update

Liam Falconer, Biosecurity Manager

[marlborough.govt.nz](http://marlborough.govt.nz)

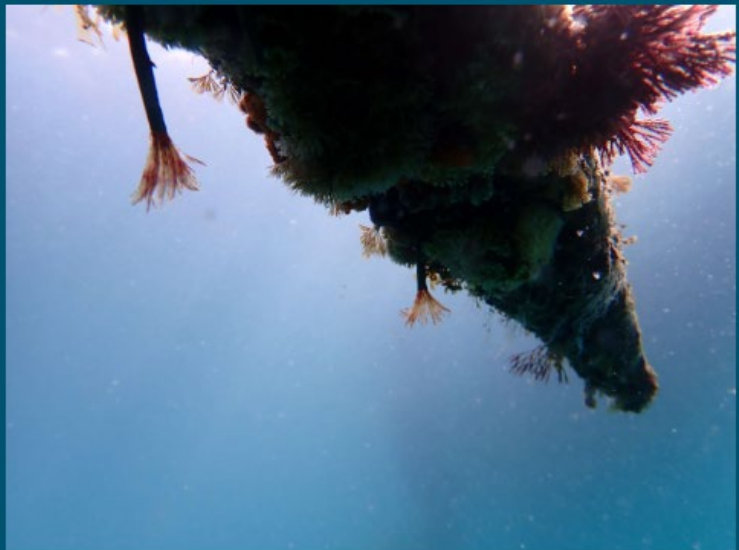
## Mediterranean fanworm

2225 vessel checked this year

6 vessel located with fanworm

9 individuals found on seafloor

Partnership Summer marketing campaigns reached 300,000 people



[marlborough.govt.nz](http://marlborough.govt.nz)

## Climbing Spindleberry

- No plants found in this season



[marlborough.govt.nz](http://marlborough.govt.nz)

## Maderia Vine

- No plants located in Sounds sites,
- only two plants located in Marlborough this year



[marlborough.govt.nz](http://marlborough.govt.nz)

## Cathedral bells

- 35 Plants controlled
- Active sites remain Aratawa Bay and the Wedge



[marlborough.govt.nz](http://marlborough.govt.nz)

## Evergreen buckthorn

- 132 plants controlled Manaroa area



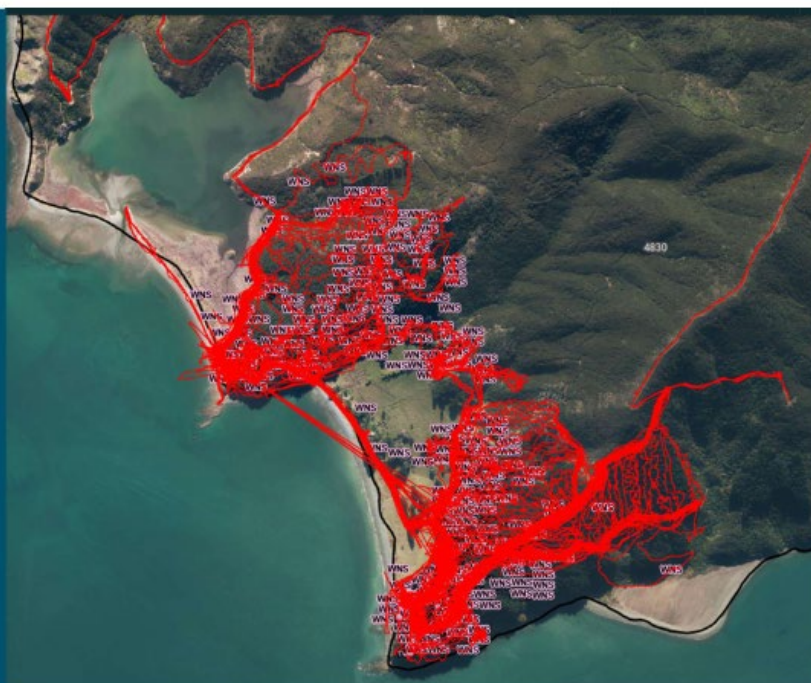
[marlborough.govt.nz](http://marlborough.govt.nz)

## Willow leaved hakea



[marlborough.govt.nz](http://marlborough.govt.nz)

## Woolley nightshade



[marlborough.govt.nz](http://marlborough.govt.nz)

## Biosecurity Smart maps

### Biosecurity Pest Plants

[Home](#)[Chilean Needle Grass](#)[Kangaroo Grass](#)[Norseella Tussock](#)[White edged Nightshade](#)[African Feather Grass](#)[Bathurst Blue](#)[Boneseed](#)[Broom](#)[Bur Oak](#)[Cathedral Bells](#)[Chinese Pennycuik](#)[Climbing Spindleberry](#)

#### Climbing Spindleberry

Climbing spindle berry is subject to an **Eradication** programme as part of the Regional Pest Management Plan 2018. It has a very limited distribution and density and the long term goal is to eradicate the very small number of infestations in Marlborough.

☐ Climbing spindleberry leaves.

☐ Climbing spindleberry in fruit.

Marlborough District Council and/or the Department of Conservation will carry out all the control work required for this pest at no cost to the landowner. Sites are visited by biosecurity staff at regular intervals to ensure all infestations are controlled before they seed, ensuring the infestations are maintained at very low levels.

Climbing spindle berry is also an unwanted organism under the Biosecurity Act, 1973 given it is on the National Pest Plant Accord list of species banned from sale, propagation, distribution or commercial display.

[Go to the National Pest Plant Accord list](#)

Should you see this plant please report it immediately to the Marlborough District Council who will arrange for its control.

[See how this programme is tracking](#)

[Go to the Weedsbusters website for further information, control tips and images](#)

