

# Welcome to Anchor Island



We hope you will have an enjoyable stay on the island. To ensure that you are well prepared for your trip, please read the following carefully and follow all instructions.

*The two quarantine forms (attached below) are compulsory, as they are essential to protect the islands flora and fauna. You must produce these to the quarantine officer at your pre-flight quarantine.*

## Anchor Island

Anchor is located in the western reaches of Dusky Sound, Southwest Fiordland. The island is 1130 ha and reaches a height of 417m. The canopy below 120m is dominated by kamahi, rimu, totara, miro, rata and beech. Above this altitude, vegetation is dominated by scrubby rata, beech, yellow silver pine and pink pine.

Anchor is an important lifeboat for wildlife of both marine and terrestrial species. Marine species utilising the island include titi (sooty shearwater), tawaki (Fiordland crested penguin) and kekeno (NZ fur seal). Kakapo, tieke (saddleback) mohua (yellowhead), robin and rock wren have been introduced to Anchor. Stoats were eradicated from the island in 2001/02 and the last deer (hopefully) removed in 2007. Rodents and possums have never been present on the island. Anchor is an inshore island and hence is always threatened by the return of these mammals. Traps are in place around the island and other protocols have been established to limit the chance of re-establishment.

There is a good network of tracks around the island; these can become very wet and boggy. Good tramping boots are required; rubber boots are better for keeping dry, though rangers prefer leather boots for comfort.

There are often climbs of 40-60 minutes as you move around the island. It is an **extremely physically demanding island** that is often wet, cold and windy.

## Travel Planning

Travel to Anchoria will be a 30-40 minute helicopter flight from Te Anau, over the southern lakes, and into Fiordland. **Do not** book transport to the island yourself.

**You need to report to the DOC Te Anau Area Office one and a half hours prior to your flight departure time.**

For **KAKAPO** related trips, if kakapo staff haven't already contacted you, please contact the kakapo volunteer co-ordinator at least 5 days prior to your flight, to confirm flight and quarantine arrangements, and notify any dietary requirements (ph: 03 211 2400).

For **NON KAKAPO** related trips, please contact your trip leader at least 5 days prior to your flight to confirm flight and quarantine arrangements, and notify any dietary requirements.

Servicing of the islands is on a fortnightly or monthly basis. Adverse weather may delay transport to or from the island. Keep this in mind when booking return flights from Queenstown or Invercargill to your base and either book a flexible return flight or delay your return flight by two days.

## Facilities

The hut is situated on the northern coast of the island. It is a solid building with hot/cold water, shower, three staff rooms and a five bed bunkroom for sleeping, kitchen equipment, food, gas cooking, a small fire, hydro and solar power (to be used wisely). At times of high use, visitors may be required to sleep on the deck or in the main hut. All food is provided on the island.

Volunteers/visitors are expected to have the following prerequisite skills/attributes:

- Bush skills - you may be walking alone in the bush
- Sound judgment
- Physically able: you will require high fitness, agile (for walking on steep bush tracks) and able to carry a moderately heavy pack (10-20kg) between 4 to 8 hours a day

All visitors/volunteers are expected to provide:

- socks
- waterproof parka
- polyprop/thermals
- walking shorts
- t-shirts
- underwear
- warm jersey
- sturdy leather or rubber boots suitable for rugged tramping and wet tracks. Tracks will be muddy and you will probably get wet feet
- towel/soap/toothbrush/personal toiletries etc\*
- warm sleeping bag and liner
- pillow case
- single sheet (if you wish to cover mattress)
- book
- head torch and batteries
- another pair of footwear for around the hut
- trousers, polyprop for around hut
- personal medication, and supplies spare contacts/glasses, contact fluid

Depending on your visits purpose, you may also need to provide:

- overtrousers

\* The island has a grey water system which is sensitive to lots of shampoos/soaps/detergents etc. We strongly urge you to bring plant-based soaps/shampoos, as these will help keep the grey water system functioning properly. Such products can be purchased from Eco Store - [www.ecostore.co.nz](http://www.ecostore.co.nz) or most supermarkets. Kakapo staff find these products fantastic and affordable.

The Kakapo Team will provide:



- gaiters for your use – we keep these on the island to minimise import of weed seeds
- large packs for transporting all of your gear from quarantine to the island
- day packs for use whilst on the island
- food and accommodation on the island (charges may apply depending on trip purpose and will be outlined by the trip organiser if applicable)
- deep end learning!

## The Quarantine Process

All visits to the island pose a threat to the biodiversity values as they could (unwittingly) introduce disease or unwanted pests such as rodents, invertebrates or weed species. This occurs via dirty clothes and gear, and poorly packed bags. The island is rodent-free and has a minimal number of introduced weeds and invertebrates – we want it to stay that way.

The quarantine process has 4 steps:

- before you leave home
- at the quarantine store
- transport from the quarantine store to the airport
- upon arrival on the island

### Before you leave home (begin this at least 2-3 days in advance)

- **Before** departure from home your clothes for the island need to be laundered and possibly trigened (see Form A), and all gear cleaned of dirt, insects, soil, seeds and plant material. Pay particular attention to boot soles and inners; pockets; and Velcro. Raincoats and overtrousers should be thoroughly sponged down. No dirty gear is to be taken to the island. Note that the requirement for laundering clothes may affect your choice of garments taken to the island, e.g. you may not want to take ‘down jackets’.
- Make sure that you empty out your pack/suitcase/bag entirely before packing it - *vacuum it out* including any side pockets. The bottoms of packs are notorious for collecting seeds and insects, and this can transfer to your clean gear. Pack your bag after laundering clothes using a clean pack liner if possible (you do not need to take a pack or day pack to the island, they will be supplied. The gear you bring will be transferred into a ‘quarantine bag’ at the quarantine store).
- Please pack raincoat/jacket, footwear, leggings and socks on top so they can be checked easily by staff.
- Once your gear is cleaned and checked, please keep it sealed in rodent and insect proof plastic bags or containers, and away from sources of contamination, e.g. birds, pets, seeds.
- Complete Forms A and B (attached) and bring them with you to quarantine.
- Field trips or excursions, or staying with friends where you will be in close contact with captive or farmed birds enroute to Te Anau are discouraged unless you have Trigene™ (a biocide which will kill all bacteria, viruses etc) with you, and have facilities to launder your clothes on arrival in Te Anau before the day of departure to the island.
- If you are getting to Te Anau in your private car, make arrangements for vehicle storage, and ensure the vehicle is stored **before** you meet DOC staff. There is not enough time during the



quarantine process to deal with vehicle parking and storage; and once you have passed through quarantine, you will be taken to meet the aircraft in a DOC vehicle, so that quarantine is not compromised.

## STOP, THINK – DO YOU OWN OR WORK WITH BIRDS?

Recently diseases have arrived in New Zealand that could devastate the kakapo population if they get on the islands. e.g. parrot pox and Psittacine Beak and Feather Disease (PBFD).

If you answer yes to any of the disease questions on Form A (attached) you pose a higher risk of transporting disease. In this situation you need to ensure you have a hot shower and wash your hair; and your clothes, boots and equipment need to be cleaned with *Trigene*<sup>TM</sup> **after your last contact with birds, and before travelling to the island**. Let the kakapo volunteer co-ordinator know in advance that you have had contact with birds in the last 18 months (03 211 2400 as soon as possible so they can send you trigene). You also need to have your sleeping bag dry-cleaned before travelling to the island – you must bring the receipt with you as proof. If you have difficulty with these instructions, please contact the kakapo volunteer co-ordinator 03 211 2400.

### At the Quarantine Store – Te Anau DOC Workshop, Caswell St, Te Anau

- Your gear will be inspected for seeds, dirt etc. If it's not up to standard it, and possibly you, won't be going to the island.
- You will transfer all the contents of your pack into "quarantine bags". Strictly one 70 litre bag per person. Your own pack will be stored at the quarantine store during your trip – please ensure your pack is labelled clearly with your name.
- Form A will be checked, and Form B talked through with you, and the declaration signed.
- If you need access to camera, parka etc enroute or on arrival at the island you must have them out of the bag before departure from the Quarantine Store.

### Transport from the Quarantine Store to the Airport

- You will be transported to the aircraft hangar in a DOC vehicle
- If you discover dirt/plant material on your gear at the airport/Quarantine Store, please dispose of it in small containers in the quarantine area, or in rubbish bins provided, so it does not get picked up again in boot soles etc.

### On Arrival to Anchor Island

- You will be escorted to the hut where all bags will be opened and checked
- All visitors will be briefed on hazards and risks and visitors are required to sign off on the Hazard Plan
- All visitors will be briefed on reserve rules, hut rules, and permitted activities
- All visitors will be briefed on procedures and equipment
- If you find any seeds, soil etc on your gear (you shouldn't but it may happen) please dispose of in the rubbish container (which is taken back to the mainland for dumping) or in the fireplace when the fire is on. Do not throw away outside the hut.

## General Rules



Most people have no difficulty living within the guidelines below. Make sure you can – failure to do so will result in a self-funded flight off the island. If you have any questions while on the island please feel free to discuss with the ranger.

- Smoking - is only permitted on the hut decks, nowhere else on the island. Butts are to be disposed of in the designated areas (rangers will advise).
- Recreation - the island is part of the Fiordland National Park, so you are able to explore it in your free time. Please make sure you fill out the intentions board, and check with the rangers before you leave. Some areas (such as the petrel colonies and seal areas) could be sensitive to disturbance. In addition, kakapo are nearly impossible to see, and could be anywhere, so it is very important that you stay on the tracks!
- Please be aware and respectful of the archaeological Maori and Pakeha sites on the island.
- Wildlife - have the right of way and should not be disturbed or handled. Maintain at least 5m from all wildlife – camera ownership is not an exemption.
- Plants, rocks, feathers, dead things etc – please leave them where they are. Remember, you will be in a National Park, and the National Parks Act applies. [However, if you see a dead bird that you think might be a stoat predation, please note the location and inform the rangers.] Feel free to bring beach rubbish back to the hut for disposal. Don't touch dead things – you may spread diseases to the kakapo.
- Living is communally based; everyone is expected to take their turn. Please tidy up after yourself.
- Security – be careful who you talk to about the Kakapo programme – detailed information could directly jeopardise Kakapo security.

**Do not speak to any media or publish any information or images relating to Kakapo Recovery on social media sites without first clearing it with either the Conservation Services Manager Kakapo/Takahe, or Partnerships Ranger Kakapo, who are both based in the Murihiku District Office, Invercargill.**

It is important that the wider public understand kakapo are wild birds and it is not usual/common for people to see or interact with them. It is also important any news or details relating to Kakapo Recovery is released in a managed way, with the necessary approvals.

## Safety

You need to take responsibility for your own safety on the island. We also require you to comply with these safety rules and the islands safety plan:

- Helicopters - do not approach unless instructed by the pilot.
- Fire - contain or extinguish small fires if you can do so safely. Otherwise raise the alarm and assemble all people on the rocks in front of the hut. Familiarise yourself with the emergency procedures and the location and operation of fire extinguishers.
- Out of bounds – gas bottles, chainsaw, boat, power tools, generator shed, micro-hydro, battery bank and battery charging facilities. DOC staff will look after these.
- Wear steel capped gumboots when using slashers or chopping firewood etc.
- Diesel heater – please follow lighting and cleaning instructions.



- Intentions - Write your intended route and estimated time of return on the board, and stick to it. A search will be instigated when you are 1½ hours overdue.
- Compulsory equipment you must carry with you at **all times** a raincoat, warm jumper (wool, fleece), warm hat, gloves and leggings. Also spare food eg muesli bars. A first aid kit will be issued.

## House Keeping

- Due to the remoteness of the island, there is no cellphone reception. We do have a satellite internet connection which allows us to make “Skype” internet phone calls (you will need your own account and credit for skype to phone calls, skype to skype is free. During busy times e.g. breeding seasons, skype will be restricted to work related calls only due to its bandwidth requirement).
- Internet is not available for general use and visitors are to leave personal computers at home due to limited power availability.
- The bay in front of the hut is a safe and interesting place for snorkelling and fishing – bring your own gear (please note that during a breeding season space on the helicopters is very limited so you will not be able to bring any gear – sorry!)
- Living is communally based; everyone is expected to take their turn cooking, cleaning etc. Please tidy up after yourself.
- There are always jobs to do around the hut (dishes, sweeping, cleaning) - your initiative in helping with this is appreciated.
- The island, if we do say so ourselves, is very photogenic so bringing a camera is highly recommended.

## Remember

- Take all completed forms and your dry cleaning receipt (if required) with you to the store.
- Please return your empty trigene containers to the quarantine store.
- Be on time and have all your gear cleaned to the required standards
- If you have any questions ring the kakapo team or your trip leader early so they can help ensure you have a smooth and enjoyable visit.

*Enjoy your time on the island – it is a very special place.*



## Form A: DISEASE QUARANTINE QUESTIONNAIRE

- Please fill out this questionnaire honestly – your answers won't stop you going to the island, they will just help you to protect kakapo from disease.

Section One	Yes	No
Do you work with wild, pet or captive birds?		
Do you own pet birds?		
Do you have any birds at home? eg. chickens/aviary birds (do not include wild birds)		
Have you had close contact with birds in the last 18 months? eg. friend's pet birds, previous work with birds, behind the scenes or walk through visit to an aviary		
Has any of your equipment had close contact with birds in the last 18 months? Remember to consider items such as raincoats, hats, boots, gloves, jackets, pocket knives, head torches, notebooks, cameras and camera bags etc. etc.		

- If you have answered YES to any of the above, complete Section Two.
- If you have answered no to ALL of the above please complete Section Three.

Section Two	Yes	No
Have you showered including washing your hair <u>since your last contact</u> with birds?		
Are your clothes anti-viral treated (eg with Trigene™), or new, and <u>never worn</u> in the presence of birds since being antiviral treated?		
Has all of your gear and equipment which may have been in contact with birds been washed or soaked in an anti-viral disinfectant such as Trigene™? Has your sleeping bag been drycleaned?		
Section Three – Didymo Questionnaire	Yes	No
Have you been in contact with any waterways that may have contained Didymo recently?		
Is there a chance that any of your clothing and/or equipment may be contaminated with Didymo?		

- If you answered yes to either of the above questions, then please ensure that any contaminated equipment has been adequately cleaned and dried.

### VISITOR'S DECLARATION

I declare that the above information is a true and accurate account of my association with wild, pet, or captive birds.

I understand that visitors to the island can pose serious risk to bio-diversity because of the transport of diseases via micro-organisms, and pests via small seeds.

Signature of Volunteer/Visitor ..... Date ...../...../20.....

Name.....





## Form B: Quarantine Self Audit Check Sheet- Kakapo Islands

- Please complete **prior** to arriving at Quarantine
- Form to be completed by every visitor and handed to Quarantine Staff

Departure Date:    /    /20		Destination:	
Name:		Date Inspected:    /    /20	
<b>Items being transported must have been</b> <ul style="list-style-type: none"> <li>• Scrubbed clean of all soil, seeds and vegetation</li> <li>• Checked for the presence of rodents and invertebrates</li> <li>• Treated with Trigene if necessary as detailed on Form A</li> </ul>			
<b>Required Action</b>		<b>Tick when Complete</b>	<b>Quarantine Staff Tick/Comments</b>
<b>Suitcase/Backpack/Container</b> Before packing items to take to island have I inspected all luggage/gear containers for soil residues, leaves, seeds, bird droppings, insect/spider presence etc?			
<b>Boots/Other Footwear</b> Have I checked and cleaned the tread thoroughly? Have I inspected the laces, inner sole, inside folds or flaps in my footwear for soil and seeds?			
<b>Socks</b> Have I inspected my socks, (including turning them inside out)?			
<b>Clothing</b> Have I washed and checked all clothing especially fibre pile and wool and all seeds are removed? Have I checked and cleaned all pockets? (turn pockets out for washing)			
<b>Raincoat/jacket, Overtrousers, Outer Garments</b> Have I checked all velcro and seams, to remove all soil and seeds?			
<b>Bedding</b> Have I shaken my sleeping bag out and checked for stowaways? (Seeds, invertebrates, rodents)			
<b>Camera/head torch</b> Have I carefully inspected difficult to clean items such as sensitive electronic equipment for foreign residues, and wiped down with mediwipes or trigene solution?			
<b>Field equipment</b> Have I thoroughly cleaned all my equipment so that it is free of any invertebrates, seeds or dirt?			
<b>SIGNED PERSON TRAVELLING</b>			
<b>SIGNED QUARANTINE STAFF MEMBER - RESPONSIBLE FOR ISLAND BIOSECURITY</b>			





# INSTRUCTIONS FOR DISINFECTANT

To protect the kakapo from viral infections found on the mainland, please ensure you follow these instructions carefully. If unsure, contact kakapo staff for further information (see box on page 2).

Trigene™ will be couriered to you when you let the kakapo team know you require it. If you have not received trigene a week out from your trip please contact the kakapo team volunteer co-ordinator (03 211 2400) or for non kakapo trips, contact your trip leader.

All disinfectants work best where excess dirt has been washed off BEFORE applying the disinfectant.

## How to Use TRIGENE Antibacterial and Anti-viral Disinfectant

### For clothing:

If clothes are dirty, put them through a normal wash first.

Add 50mL of Trigene™ per load of washing instead of laundry detergent. This is for a 4 kg load of washing. If washing machine is larger than 4 kg; then use 75mL per wash load.

Use a normal wash cycle, no soaking is required.

Don't forget to treat your hats, jackets, gloves etc.

### For boots:

Clean boots thoroughly using a brush and water to remove dirt, mud, seeds etc.

Trigene - dilution of 12mls to 1L of water for soaking.. Pour over the outside of the boots and leave the soles to soak in the solution for 30 minutes. Rinse off with water.

### For other items (eg head torch, field equipment):

Clean all surfaces thoroughly with damp cloth to remove dirt, mud, seeds etc.

Make up a trigene solution (12mls of trigene to 1 Litre of water). Wipe down all surfaces with the solution, leave to dry.

Thanks for following these instructions and helping us keep the island fauna safe from disease. Help us to recycle, reuse and reduce by returning your trigene containers when you go through quarantine 😊

Trigene™ - Ethical Agents Ltd, 54 Hobill Ave, Wiri, South Auckland - ph 0800 800 624

