



## Field Ranger - Role Description

Location: South Westland and/or Queen Charlotte Sound  
Manager's title: Field Team Lead

### Context

Zero Invasive Predators Ltd (ZIP) was established in February 2015 by founding partners DOC and NEXT Foundation, as a limited liability research and development entity focused on developing the tools and techniques to enable an ambitious and exciting vision for New Zealand:

***The complete removal of possums, rats and stoats from large mainland areas for the long term, sustainable protection of native biodiversity.***

ZIP's mission is to ensure the long-term security of New Zealand's biodiversity by developing operationally ready, innovative, strongly supported technologies to *remove* invasive predators from large mainland sites, and *protect* those sites against reinvasion. We call this model 'Remove and Protect'.

In September 2014, a field development site was established at Bottle Rock Peninsula, Queen Charlotte Sound, where a range of tools and techniques (both existing and novel) are trialled in a 'real world' setting. A 'virtual barrier' made up of a number of intensively spaced trap lines spans the 2 km neck of the peninsula, protecting an area of approximately 400 ha against reinvasion.

In early 2018, ZIP, in collaboration with the Department of Conservation and Predator Free 2050 Ltd, established a 12,000 ha field development site in the Perth Valley, South Westland. At this site ZIP will test and refine an approach to completely remove possums from large areas, and prevent them from re-establishing. The research programme will also seek to develop this predator management approach for ship rats and stoats.

### Purpose of the Role

Field test new tools and techniques being developed by ZIP to ground truth their ability to perform to the standard required to become part of the Remove and Protect model.

### Functions of the Role

- Deploying, checking and servicing detection devices, traps and bait stations, using electronic equipment, and field testing prototype technologies.
- Collect and collate high quality data from field development site(s) for the team to utilise in planning the work programme.
- Provide input into operational planning.

- Lead trials within the field development site system where appropriate.

## Key Requirements of the Role

- Experienced and competent at spending long hours outdoors each day, often by yourself, working in rough terrain
- Willingness to be ‘embedded’ in the work – not just to work hard and to a high standard, but also to contribute your feedback about the performance of individual tools and techniques, your suggested improvements, and other related observations
- Comfortable sharing accommodation with a small team, often in remote location, and confident and willing to contribute to cooking and cleaning duties.

## ZIP Culture

***People – our team, conservation partners and other stakeholders – are always our number one priority, without exception. We are caring, connected, empowered and innovative.***

Within this context, some of the values and principles we follow include:

- Keep people safe
- Communicate openly
- Invest strategically
- Deliver rapid prototypes and experiment
- Create accessible solutions that work well
- Strive for continuous improvement

## ZIP Organisational Structure

