



# ALPINE PURE

ALPINE PURE LIMITED  
Pristine Water for the World





HERE, THE WATER  
IS ALPINE PURE.



AN UNTAPPED,  
PRISTINE BULK  
WATER SUPPLY  
FROM  
NEW ZEALAND.

## EXECUTIVE SUMMARY

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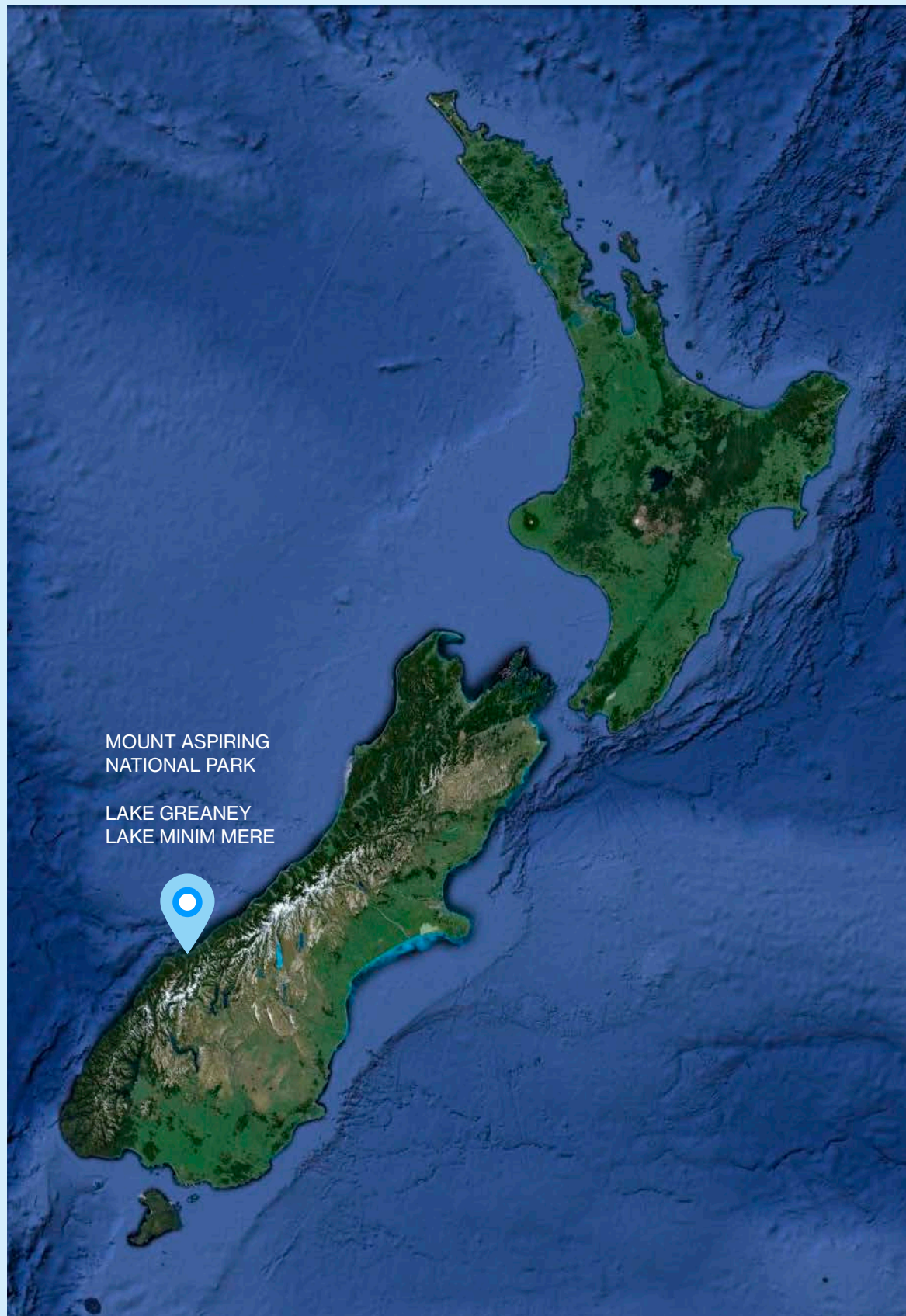
- Alpine Pure water originates from the pristine mountains of Mount Aspiring National Park, a protected UNESCO World Heritage Site.
- The quality of the water is of a purity internationally unsurpassed.
- The supply is unlimited with 8,000 mm (8 metres) annual snowfall and rainfall, which all currently runs into the sea.
- This water can be collected at source and shipped by large tanker vessels to the world to supplement future water demands.
- The water can be imported as a raw material and value added in market.
- Potential world-first for the supply of bulk water by sea.

## PURE WILDERNESS

Mt Aspiring National Park is home to Mt Aspiring, one of New Zealand's tallest peaks. In the remote wild west coast of the South Island, lonely towns and long roads in between make for one of New Zealand's most untouched landscapes.

Protected and preserved for future generations, this is pure wilderness, a place where only those with long-term views can realise the lands potential.

Alpine Pure is water sourced from the ranges of Mt Aspiring National Park. Still in the care of nature, this is pure water, untouched by man.



## A NATIONAL TREASURE

Alpine Pure does not impact negatively on the environment, as the area's status as a UNESCO World Heritage Site shows. A World Heritage site is an area designated by UNESCO as having 'outstanding universal value' under the Convention Concerning the Protection of the World Cultural and Natural Heritage. This convention provides for international cooperation in preserving and protecting natural treasures throughout the world.

New Zealand authorities are aware of the country's premium status as a pristine source of food and water products. New Zealand strictly maintains the regulatory environment to protect New Zealand's natural resources and its international reputation.

## WHO WE ARE

We are Alpine Pure Limited.  
We represent Okuru Enterprises Limited, who hold the water rights.

Okuru Enterprises Limited is majority owned by a group of multi-disciplined people who live and work on the West Coast of New Zealand.

Okuru Enterprises Limited have an intimate knowledge of the region and its water catchment with a strong desire to share this natural resource with countries that require access to fresh water of high quality.



LAKE GREANEY, ONE OF THE TWO PRISTINE  
LAKES FROM WHICH ALPINE PURE IS SOURCED



## PURE QUALITY

Alpine Pure water can be added to supplement your country's general water supply, or it could be kept segregated and supplied in bulk to industries that require significant volumes of pure water such as breweries, water bottlers and drink companies. It could also be supplied to other industries requiring significant volumes of pure water in their manufacturing processes. The high purity will reduce the cost in processing the water.

# DELIVERING ALPINE PURE

## WATER COLLECTION

Our water originates from 8,000mm of snow and rain that accumulates in two alpine lakes over 1,000 metres above sea level. Alpine Pure will be collected at a weir (dam) just outside the boundary of Mount Aspiring National Park and gravity-fed to a fully enclosed reservoir in Jackson Bay.

Once at Jackson Bay the water will be batched to ensure quality certification prior to loading. During the loading process the water, despite being of the highest quality, will still be filtered and passed through an ultra violet light steriliser to ensure it is of the highest standard and purity to qualify as being Alpine Pure.

The water will then be pumped via pipeline along the sea floor to a single buoy mooring (SBM) approximately 2 kilometres from land with a draft of 34 metres. This loading system is already proven on the West Coast where 1.2 million tonnes of iron sand slurry is loaded annually for shipment to Japan and China.



## DELIVERING ALPINE PURE

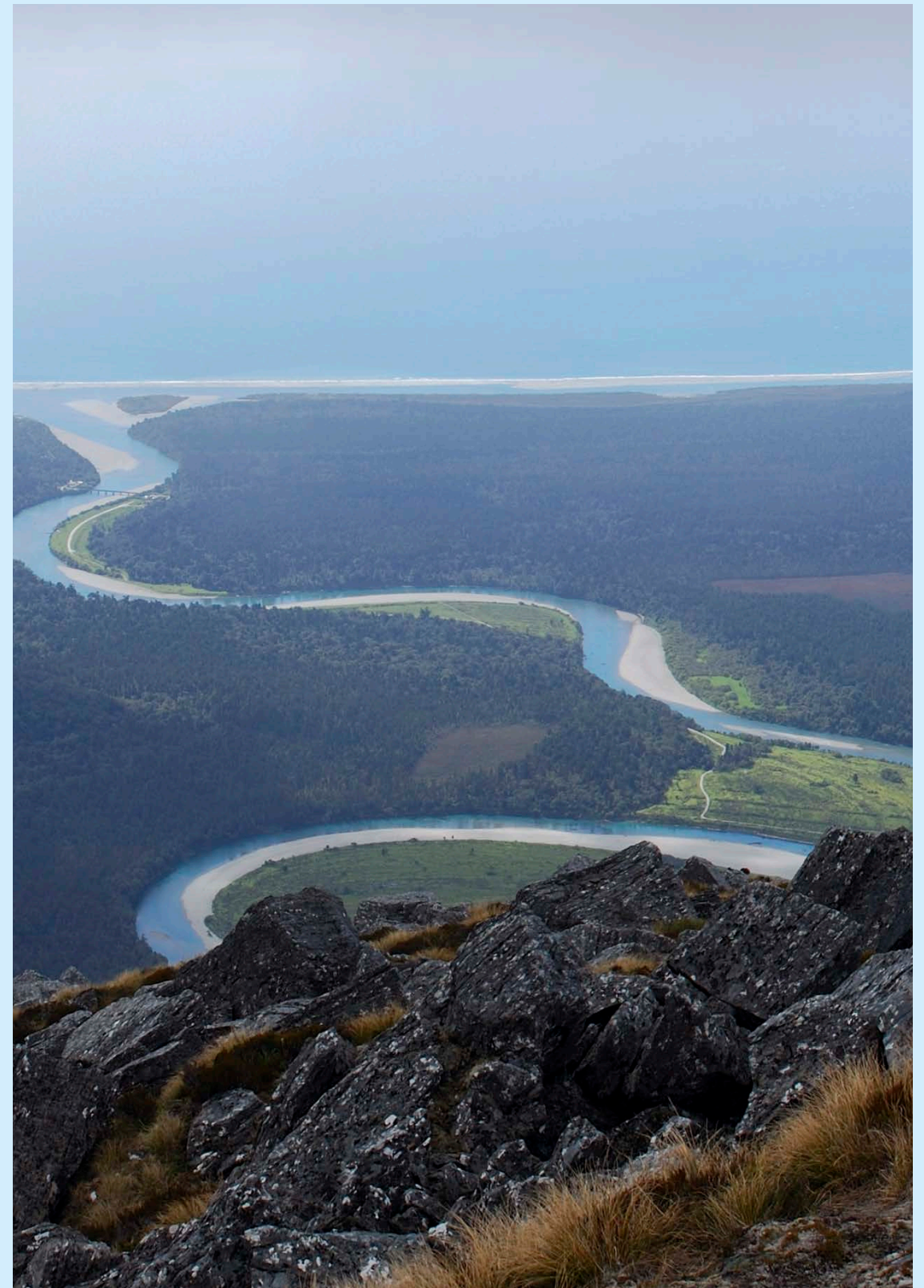
### VOLUME OF SUPPLY

Okuru has consents to export 800,000 tonnes per month in 100,000 tonne tankers, however as demand increases Okuru will apply for consents delivering additional quantities of water and for loading of larger tankers – possibly up to 250,000 metric tonnes.

Due to our isolated part of the world, shipment by tankers is the only viable option to move the volumes of water available.

JACKSON BAY,  
NEAR THE LOCATION OF SINGLE BUOY MOORING

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# DELIVERING ALPINE PURE

## EFFICIENT FLOW & LOADING

The flow rates into our reservoir mean we are able to fill it in 4 days at a rate of 300 litres per second. Loading rates are designed to average 1 cubic metre per second, which gives a loading time of 28 hours for a 100,000 metric tonne tanker. Vessels of this size are expected to have a turnaround time of 2 days at its loading port.

PROPOSED INFRASTRUCTURE  
REQUIRED TO DELIVER ALPINE PURE WATER

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## DELIVERING ALPINE PURE

### INFRASTRUCTURE

The water collection systems, reservoir and tanker loading systems will be constructed once an interested party has committed to take the water. Likewise, the sourcing of the ships to transport the water will be undertaken when a sale is imminent.

Plans and costings for the onshore infrastructure have been completed. However, construction has not commenced as it is anticipated that the buyer of the water may wish to be involved in the financing and operation of the infrastructure and ships in order to ensure they have adequate control and security of the flows of water from source to market.

### WATER RIGHTS

Okuru owns the rights to access this water from an untouched world. Okuru is looking for long term contracts to supply water at source, and would retain ownership of the rights to take the water and also the responsibility for the renewing of these rights when due for renewal.

## NEXT STEPS

Alpine Pure are offering to supply large quantities of pure bulk water to the world.

Please register your interest with Bruce Nisbet, Managing Director of Alpine Pure. Please do not hesitate to contact Bruce for a preliminary discussion, he will be able to answer any immediate queries you may have in relation to this initial proposal.

Thank you for your consideration of this proposal.

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## POINTS FOR DISCUSSION

- Volumes of water desired
- Facilities that would be required to receive the water
- Ideal size of tankers
- What investment your government/company might like to have in the infrastructure in New Zealand and the shipping services to transport the water
- Timeframes for developing a detailed proposal