

## NZFFA December 2022 Newsletter

{name} - Welcome to Your Newsletter



Merry Christmas and a  
Happy and Prosperous  
New Year from all the  
Executive of NZFFA

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## **Richmond A&P Show Nitrate Water Testing**

As advised in the last issue, on the weekend 19/20 November, NZFFA organised a stand for nitrate testing at the Richmond A&P show. We were grateful to have the support Nelson/Marlborough Fish & Game who loaned us a gazebo, table, banners, didymo advocacy material and the able form of Lawson Davey who spent the day running the stand with us. On behalf of the NZFFA thanks are also extended to David's wife, Serena, who helped on Sunday despite the rain and mud.

Prior to the show adverts were placed and an interview published in the Waimea Weekly and Nelson Weekly local papers.

# NEW ZEALAND FEDERATION OF FRESHWATER ANGLERS (INC.)



## DRINKING WATER NITRATE TESTING AT THE A&P SHOW

Come to the Richmond A&P show this 19/20 November 2022 and get your drinking water tested for nitrate levels. This will be of particular interest to those with private bores or surface water takes but we will also test town supplied water.

The NZ Federation of Freshwater Anglers is at **stand 21** with our **TRIOS NANO UV Nitrate Sensor**.

### HERE'S WHAT TO DO

Collect a minimum of 100ml of water in a clean, well rinsed container.  
Keep it in the fridge prior to bringing it to the A&P show.  
Look for our sign and bring your sample to us - we are at **stand 21**.  
Gold coin donation appreciated - we are a voluntary organisation.



[www.nzffa.com](http://www.nzffa.com)

[illegible]

NASA's secondary and tertiary mission: Earth Science will be offering the water bucket to attract funds at the weekend. NSF then plans to use the money.

**Adelphi Books, Eugene, Oregon**

According to the latest data from the Food & Agriculture Organization of the United Nations (FAO), most people across the country consumed 30 g per cent annually between 1960 and 1980. The trend was to decline (prices up by 3.3 per cent annually in 1977/1978).

While children eat an increase in regular and special breakfast attendance in some regions, their interest rate has caused fluctuations among income groups. However, the national machine price shows improvement on September, the price continues to rise, also activity remains slow and prospects are looking bright for 1980 (FAO/FAO 1981).

Like many areas in New Zealand that (Gordon) national machine price increased – down a per cent to 100.000 per cent. Machine price also broke the national trend up 10.000 per cent to 100.000 per cent. Machine price

The weather was pretty poor for Saturday and very wet on Sunday, perhaps the reason why attendance was so poor and further exacerbated by the stand position on the periphery of the main show (we got it for free and so beggars can't be choosers).

Nevertheless, we were well received by those who brought their drinking water in for testing, most of whom had come to the show specifically for this purpose. The show gave us the opportunity to further raise awareness of the NZFFA throughout the non-angling community.





Lawson Davey

*manning the water testing stand*

The results of all the water tests are below:

Source	Location	Result (mg N-NO <sub>3</sub> /l)
Town supply	Lwr Queen St	3.36
Bore	Irvines (Wairoa River)	0.10
10m Bore	Landsdown Rd	12.6
60m bore	Pugh Rd	9.23
Town supply unfiltered	Richmond	3.33
Town supply filtered	Richmond	3.03
Bore	Pretty Bridge	0.68
Community Scheme	88 Valley Road	0.09
Town supply	Mapua	0.91
30m bore	Ranzau Rd	11.9
Town supply	Hope	3.34
Stream	Hope	5.83
Spring	Teal Valley	0.71
Spring	Gentle Annie, Hira	0.19
Unknown	Riwaka	0.18
Town Supply	Todd Valley	0.00
18m bore	Waimea West	4.19
Bore	Mt Islington	0.11
Rainwater	Brightwater	5.83
Town Supply	Nelson	0.00
6m bore nr Waimea R.	Waimea West Rd	2.52
Bore	Edens Rd	11.8
Community Scheme	Hope	0.11
Town supply	Nelson	0.04
Bore	Wai-iti	2.00
Town supply	Atawhai	0.03
4m well	SH6 Kohatu	3.85
Bore	Brightwater	2.82
Bore	Hope	11.9



*Serena braving the rain, wind, mud and absence of customers on the Sunday*

Those with bores on the central Waimea Plain registered the highest nitrate readings, those with Nelson town supply the lowest. We learned several interesting issues over the weekend such as:

1. Most people knew about the nitrate water issue as they had received information from Tasman District Council.
2. The Council was well aware of the issue but has difficulty identifying all private bores as it is a permitted activity and hence has no records.
3. The Council stated it would take **two generations** to fix the high nitrate groundwater.
4. Most people believed boiling or using a standard kitchen filter would fix the problem.
5. Two people who had nitrate levels above the WHO MAV said they and their parents had been drinking it all their lives and had no colorectal cancer in the family.

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## Summer Trout Love Cicadas

**by Tony Orman**



*Cicadas are staple summer diet for trout in wilderness streams*

The words of George Gershwin's song Summertime from Porgy and Bess go like this: Summertime, and the livin' is easy, fish are jumping.

Summertime is great for trout because of summer insects such as cicadas that can send trout into a feeding frenzy – something to keep in mind during fishing.

The insects start to emerge from the ground after New Year and trout are quick to seize the opportunity to grab the big bite-sized meal that fall into the water.

Mid to late summer is the time to put on a fly that imitates a cicada that has fallen in the water.

Cicadas are a big meal compared to small aquatic insects. One cicada must equate to a hundred or more mayfly nymphs. So who can blame the trout for homing in on a cicada meal?





*A cicada is a juicy mouthful for a trout.*

Many years ago when fishing a South Island backcountry river, I found a fish steadily feeding. I tried nymph fly after nymph but the fish ignored all.

Then I found a big bulky nymph - a size 8 Hare and Copper - in my fly box and tossed that. It took straight away.

I needed a trout for dinner so I killed it and examined its stomach. It was full of cicadas, about 15 big juicy morsels.

The big bulky nymph had passed for a cicada tumbling down in the current.

You will find many cicada imitation flies in tackle shops. It is always advisable to carry one or two.

As Norman Marsh wrote in his wonderful book *Trout Stream Insects* in New Zealand, “May the backcountry angler tread in peril of fishless days who does not include in his repertoire of trout flies one that at least looks something like a cicada.”

If you tie up your own flies, you can fashion a cicada imitation; something like a Muddler Minnow. The imitation fly does not have to be exact. An approximation will do just fine.

Or if you do not know where to start, search a tying recipe on Google. If you do not tie your own flies, there are some very life-like imitation flies in almost every tackle shop.

You can fish a cicada pattern blind by just prospecting water or you can look for feeding fish and then cast your cicada imitation to it. If it is focused on cicadas, it will almost certainly take the fly.

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## Stop Press

Fine and warm in Gisborne /  
Wairoa E / coast after a long-wet  
Winter when most rivers were in  
spate from opening day so little  
to report re river fisheries  
Ruaklituri / Waioeka / Hangaroa  
and tribs. Lake Waikaremoana  
is...

**More**

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## The Environmental and Economic Disaster of Carbon Farming

***Opinion by Tony Orman***

(Abridged)

Last year, in April I went trout fishing to a stream that is a tributary of Marlborough's Wairau River. It is also an important spawning stream for both brown trout and probably some salmon. It is also a habitat for native fish.

At the road bridge just above its confluence with its parent river, it was a mere trickle. A couple of kilometres upstream it was dry river bed, whereas in previous decades it always had a healthy year-round flow.

The reason was not hard to identify.

The catchment in the main is covered in maturing pine trees and as the trees grow, sucking more and more water out of the ecosystem. A study in 2005 showed "about 30% less water flowed from the mature pine plantation than the pasture." Further information says each day a 12-inch plant will absorb nearly 120 gallons of water. There are also records that the average pine tree can absorb up to 150 gallons of water a day when there is unlimited water.

Global Warming or as it's now called Climate Change, is a major part of recent governments' policies.

In the lead-up to the 2017 election campaign, Labour leader Jacinda Ardern called climate change "my generation's nuclear free moment". An Emissions Trading Scheme (ETS) was the tool devised to combat the perceived global warming.

It was back in September 2008 New Zealand's ETS was first legislated in the Climate Change Response (Emissions Trading) Amendment Act 2008 and then amended by the John Key's National and Jacinda Ardern's Labour governments.

Big business which emit carbon - a factor in climate change - can choose to reduce carbon emissions at source or they can offset those emissions by buying carbon credits.

The latter is their preference. That has led to the method of planting trees - pines - in large quantities, to act as a carbon sink.

In assessing carbon off-setting, vegetation under 5 metres in height is excluded.

Why five metres? It's illogical.

### **Grossly Flawed**

Of native vegetation some 70 species would be excluded from carbon sequestering assessments. Examples are the many species of coprosmas, hoheria, manuka, muehlenbeckia, the several species of pittosporums and others.

As such the basis for the ETS is grossly illogically and absurdly flawed.

Climate change is constant, dynamic and cyclic - for example there New Zealand's ice ages where the climate cools, then warms as the Ice Age wanes.

The question is how does natural climate change relate to any human induced change?

Conveniently it seems ignored.

### **Equation to Solve**

The equation to be solved is Natural Climate Change **plus or minus** Human Induced Climate Change equals the Actual Climate Change.

To return to "large scale exotic", i.e. monocultures - they are environmentally disastrous with an insatiable thirst for water depleting streams to dry beds, wilding pines spread, loss of biodiversity and acidic runoff.

The UK's *Trout and Salmon* magazine said "conifers are highly efficient at taking and filtering acidity so that it flows through the soil and water beneath them. Thus acidic loading increases as the trees grow".

Healthy freshwater ecosystems are usually associated with alkaline (pH) readings. The pH level (degree of acidity) is important to both bottom fauna and subsequently trout. If the pH drops below 5.5 (increased acidity) then long-term damage to the fishery, both native and trout, occurs.

### **Thirsty Pines**

Then there is the insatiable thirst of pines for water. A pine tree is said to use 85 litres of water a day whereas a native tree, dependent on species, uses considerably less.

Carbon farming, i.e. planting large areas in pines has become a money making exercise. As such, foreign speculators have surged in. "An Austrian countess snapped up a sheep station near Masterton for carbon farming of conversion to pines.

Swedish multinational furniture manufacturer IKEA secured a 5,500 hectare sheep and beef farm in the remote Catlins while German insurance giant Munich Re bought large parcels of land near Gisborne and in Southland."

Consequently some of New Zealand's biggest emitters - Air NZ, Contact Energy, Genesis Energy and Z Energy- have formed a company called Dryland Carbon which plans to acquire 20,000 hectares to plant in forests over five years. In 2020 it got approval to plant a permanent pine forest of one million trees south of Gisborne. Invariably carbon farming is being practised by foreign corporates. And with carbon prices high, more and more speculative carbon farming is erasing valuable, productive sheep and beef farm lands.

### **Foreign Ownership**

Then there is outdoor recreation. Invariably foreign investors erect locked gates and a refusal of access.

What is at fault are successive governments and a failure to look after the public interest.





***This once a free flowing trout streams. Now it is dry riverbed. Note pines in background. The valley is largely planted in pines.***

***Footnote: For full article see "The Environmental Disaster of Carbon Farming"***

<https://nzffa.com/the-environmental-disaster-of-carbon-farming/>

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*Members Advertisement:*

### **RUAKITURI CABIN**

Want an idyllic fishing getaway location?



**THE CABIN:** The cabin is fully self-contained and has electric power. 2 bunks and a single bed. (all bed linen; blankets, sheets, towels etc supplied).

Fridge with small freezer compartment, Microwave, Electric jug, Toaster, Small Electric Stove with 2 hot plates and oven. All cooking and eating utensils.

There is an outside open fire and outdoor cooking equipment, for those who like this style of cooking. Most women like to try this. There is a separate wash-room, an outdoor solar shower bay and an outside toilet (keys kept in cabin).

There is also a large outside sink bench with cold water on tap to wash dishes etc.

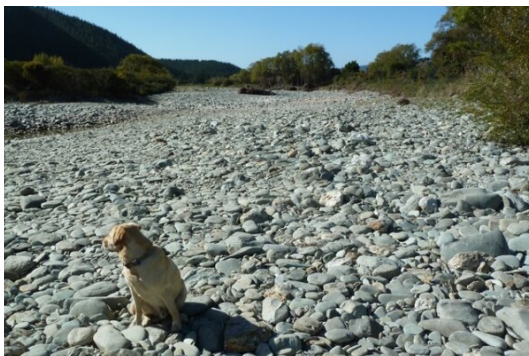
*PS, new flush toilet now installed*

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## Postings From the Website

**Some of our more recent posts from the website (see <https://nzffa.com>)**



### **The Environmental Disaster of Carbon Farming**

Opinion by Tony Orman In April last year, I went trout fishing to a stream that is a tributary of the Wairau River. It is also an important spawning stream...

**Read more...**



### **Misguided, Ill-conceived DOC's Whitebait "Management"**

Trout have often been blamed as invasive predators of whitebait by Forest and bird and DOC but a Waikanae whitebait Steve Veail, former national president of the NZ Deerstalkers' Association,...

**Read more...**



### **Great Book on How Glaciers Have Moulded New Zealand**

"Vanishing Ice" subtitled "Stories of New Zealand's Glaciers" by Lynley Hargreaves, published by Potton and Burton. Price \$59.99. Reviewed by Tony Orman Perhaps you've been fishing a wilderness stream and have paused...

**Read more...**



### **The Best Dry and Nymph Trout Flies?**

From Epic Flyfishing USA (abridged) Ok, I've led you astray, there aren't ten, there are three, maybe four. Stick with me here. Thinking back over the past 20 years or so, I...

**Read more...**





### **Don't Forget Wee Wet Flies and Kate McLaren**

by Tony Orman You may be too young to remember the little wet flies that were all the vogue in trout fishing prior to the advent of nymph fishing in...

**Read more...**



### **Is Catch and Release As Good As It Feels?**

by Tony Orman Frank Murphy has fished the upper Motu River situated between Whakatane and Gisborne for just on 40 years. He spent some nine younger years as a professional hunter...

**Read more...**



### **Classic Essay: Fly Fishing, Mindfulness, and the Art**

Orvis Staff Posted on January 8, 2020 Categories Fly Fishing Written by: Donald Richard, Brattleboro Retreat Fly fishing and mindfulness practice can go hand-in-hand, allowing you to experience the moment completely. All photos by Bob...

**Read more...**



### **Unsustainable Water Management**

"The release of the LAWA monitoring reports for 1727 river and lake sites reveals a national disgrace 82% of monitored lowland lakes are in a poor or very poor condition..."

**Read more...**





### **Carbon Mining – Short Term Gain, Long Term Pain.**

Opinion from Pure Advantage There is a new risk to you – the taxpayer – from the government's recent decision to back off from excluding exotic species like pine from the permanent...

**Read more...**



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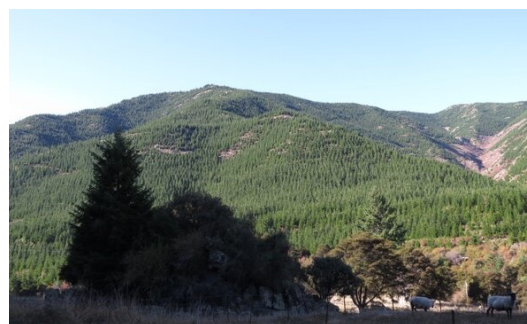
**Read more...**



### **NZ's Predator Free 2050 Pointless and Cruel?**

(special report) An European scientist is calling on New Zealand to stop its poisoning of pests under Pest Free 2050 policy as it is impossible to achieve and is causing...

**Read more...**



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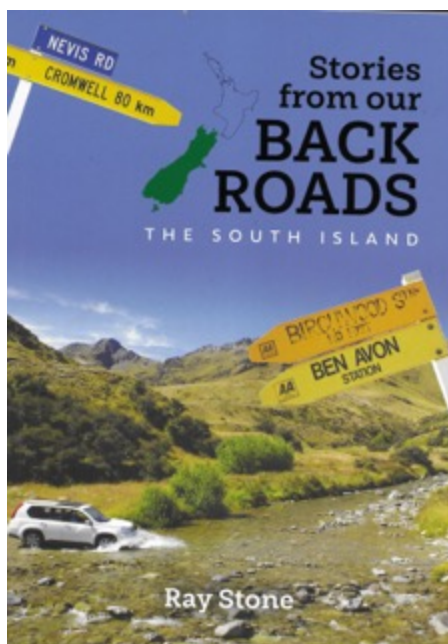
**Read more...**



### **Fenced Riparian Strips – a Clayton's Solution?**

By Tony Orman In 2017 the late Bill Benfield wrote an excellent book "Water Quality and Ownership" published by Tross Publishing, in which he criticised the new found novelty for...

**Read more...**



### Stories from Our Back Roads

Book Review: "Stories from Our Back Roads" by Ray Stone. Two volumes at \$49.99 each, i.e. North Island and South Island. Reviewed by Tony Orman Here's a twin set of...

**Read more...**



### Dirty Truth About the Waikato River

From Radio NZ Radio NZ journalist Farah Hancock has lifted the lid on the reality of the Waikato River which from its pristine water outlet from Taupo, spilling over the...

**Read more...**



### Peter Trollove Responds to Big Irrigators

Originally intended to be a comment attached to David Williams story here about noncompliance with the Rakaia NWCO, NZFFA Chairman Peter Trollove's thoughts elevated to a full post. Thank goodness...

**Read more...**



### Big irrigator's water takes 'potentially non-compliant'

Original posted at <https://www.newsroom.co.nz/big-irrigators-water-takes-potentially-non-compliant>  
Regional council ECan outlines the difficulty of monitoring Rakaia River consents, and how little it knows. David Williams reports Fresh analysis of irrigation takes from Canterbury's...

**Read more...**



### **Guy Trafford takes a critical looks at Mike Joy's latest attack on the impact of dairying**

Original posting from interest.co.nz Guy Trafford takes a critical looks at Mike Joy's latest attack on the impact of dairying on the Canterbury Plains' groundwater resource – and finds it...

**Read more...**



### **The real cost of dairy**

From the Otago Daily Times: During the past few decades we have wrought the most massive changes to New Zealand's environment since fire was used to burn forests and clear...

**Read more...**

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## **The Federation's Executive:**

President: Peter Trolove (Rakaia)

Treasurer: David Haynes (Nelson)

Secretary: David Haynes (Nelson)

Committee:

Steve Gerard (Central South Island), Andi Cockroft (Wellington), Larry Burke (NZ Salmon Anglers), Brett Bensemman (Otago), Casey Cravens (Otago), Colin Taylor (Nelson), Grant Henderson (Auckland), Rex Gibson (Canterbury), Peter Storey - Advisory (Rotorua), Margaret Adams, Jason Foord (Auckland), Dr Charles Baycroft

Life Members, Tony Orman, (Marlborough), Sandy Bull (Gisborne), Ian Rodger (Auckland) and Ken Sims (Manawatu) are automatically on the committee

Co-opted: Alan Rennie (North Canterbury)

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## **Disclaimer**



The opinion pieces and submitted articles are provided for your interest and information. They do not necessarily represent the views of all of the Executive members but are seen as vital to promote active debate around the issues that fit the aims and objectives of the Federation.

If you have not already done so feel free to comment on any of the articles on our website. The discussions always open up many valid points.

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