



ENVIRONMENTAL IMPACT ASSESSMENTS LTD

Hi my name is Brett Stansfield of EIA Ltd which is a small environmental consultancy specializing in:

- freshwater quality
- data analysis
- environmental impact assessments
- resource consent advice

I am a freshwater macroinvertebrate taxonomist and have extensive experience in environmental data analysis and technical report writing.

If your business needs:

- assistance with obtaining a resource consent
- you are interested in training on water quality
- analysis of environmental data,

Give me a call on (021) 1104 814 or email eia@actrix.co.nz to discuss your needs.

I look forward to working with you in the future.

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Environmental Impact Assessments Ltd (EIA Ltd)

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Newsletter



Ngaruroro River at Omarukorekore





Ngaruroro River at Kuirpapango

NGARURORO RIVER WATER CONSERVATION ORDER

We are currently preparing expert evidence for a water conservation order for the Ngaruroro River on behalf of the New Zealand Fish and Game Council. The WCO we seek is for all water upstream of Whanawhana. I have done some comparative analysis of macroinvertebrate taxonomy and biomass with other rivers for which a WCO has been placed.

AUCKLAND COUNCIL UNITARY PLAN

I was recently asked to review the provisions of the Auckland Council Unitary Plan with respect to protection of freshwater biodiversity. While there is good intent in the plan for protection of 'high value' areas, the rules, objectives and policies are lacking provisions for maintenance and enhancement of lesser value waterbodies. I have requested that the piping of streams become a non complying activity as Auckland currently loses 9 km of stream reach per year to infill developments that involve piping. If you are from Auckland I'd encourage you to submit on this plan.



Xanthocnemis zealandica – photo by Steve Moore

TRAINING WORKSHOPS

I have been holding a series of 1 day water quality and data analysis workshops in Masterton, Auckland and Whangarei. The discussion from these workshops has been most rewarding. A further workshop is to be held in Southland later this year.

MACROINVERTEBRATE PROCESSING

In the past year I have processed 194 macroinvertebrate samples for taxonomy. Most of these consignments have been subject to 10 % QC analysis by Biosortid Ltd. I am continuing to gain more soft bottomed stream samples from the Auckland Region which has strengthened my knowledge in these stream types.

NAPIER CITY COUNCIL COASTAL SEWAGE OUTFALL

Napier City Council's coastal sewage outfall continues to show good compliance with its resource consent conditions. Some water quality contaminants are trending down over time which is an encouraging result.



Kaipatangata Stream Wairarapa

CARTERTON DISTRICT COUNCIL WATER SUPPLY RENEWAL

I have just completed a low flow analysis of the Kaipatangata Stream which is used by Carterton District Council for water supply. The WAIORA analysis showed that torrent fish and yearling trout displayed the greatest loss of usable habitat as water levels dropped. I have recommended a 100 l/s low flow limit below which surface water abstraction should cease. This is likely to see an improvement to the fishery of this stream as it did not have a low flow limit in place before.

SEV SURVEYS

I have completed a number of SEV surveys in the Auckland Region over the past year. One fault I find with the SEV is that it focuses on the study reach only. Often what's upstream of the reach (e.g. native bush remnant) is just as important and should not be overlooked.