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Friday 26 July 2019

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# Oreti



# TA Matters

- Who?
- So much legislation
- Urban – Invercargill and Bluff
- He tāngata, he tāngata, he tāngata
- The balancing act
- People don't care about LG, but they care about what it provides

# Invercargill on the End of a Pipe

- Branxholme water treatment plant



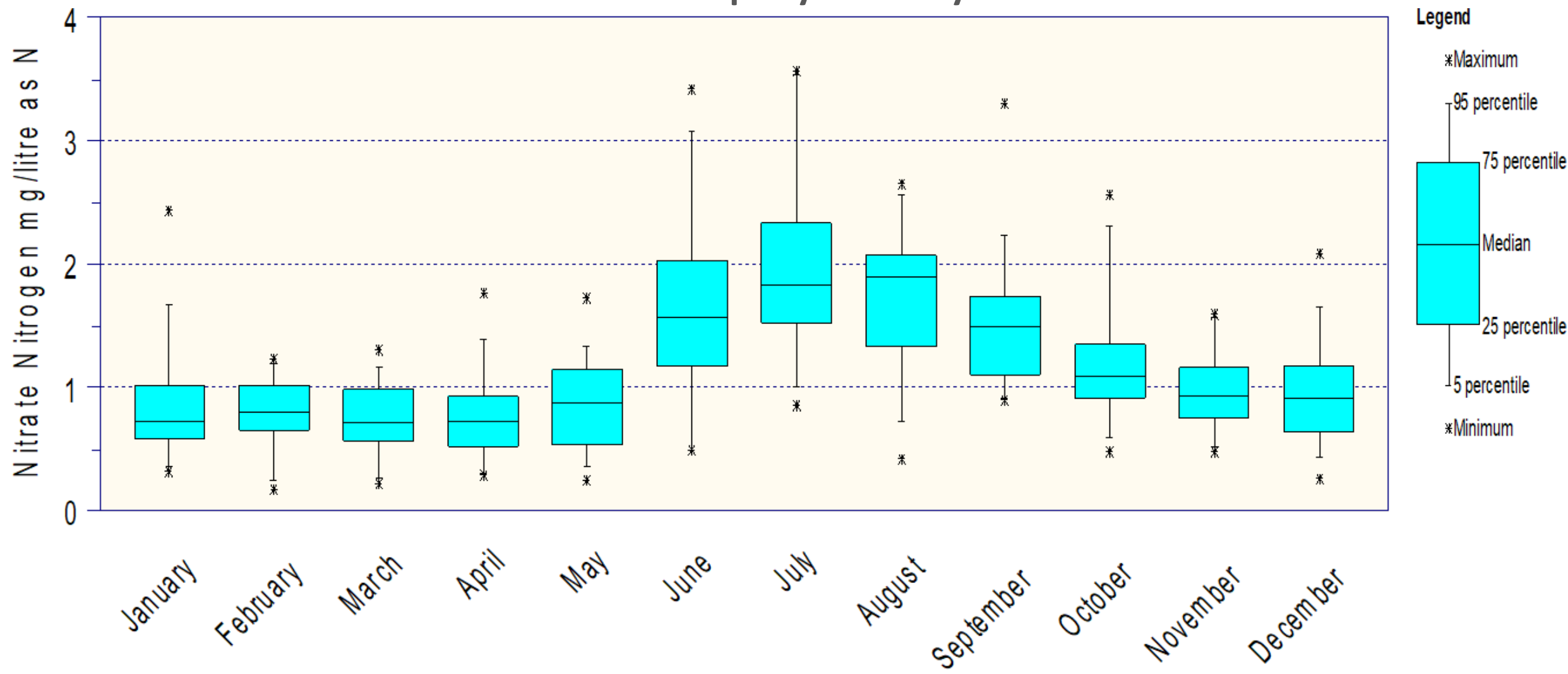
# Branxholme Plant – Intake – Oreti River



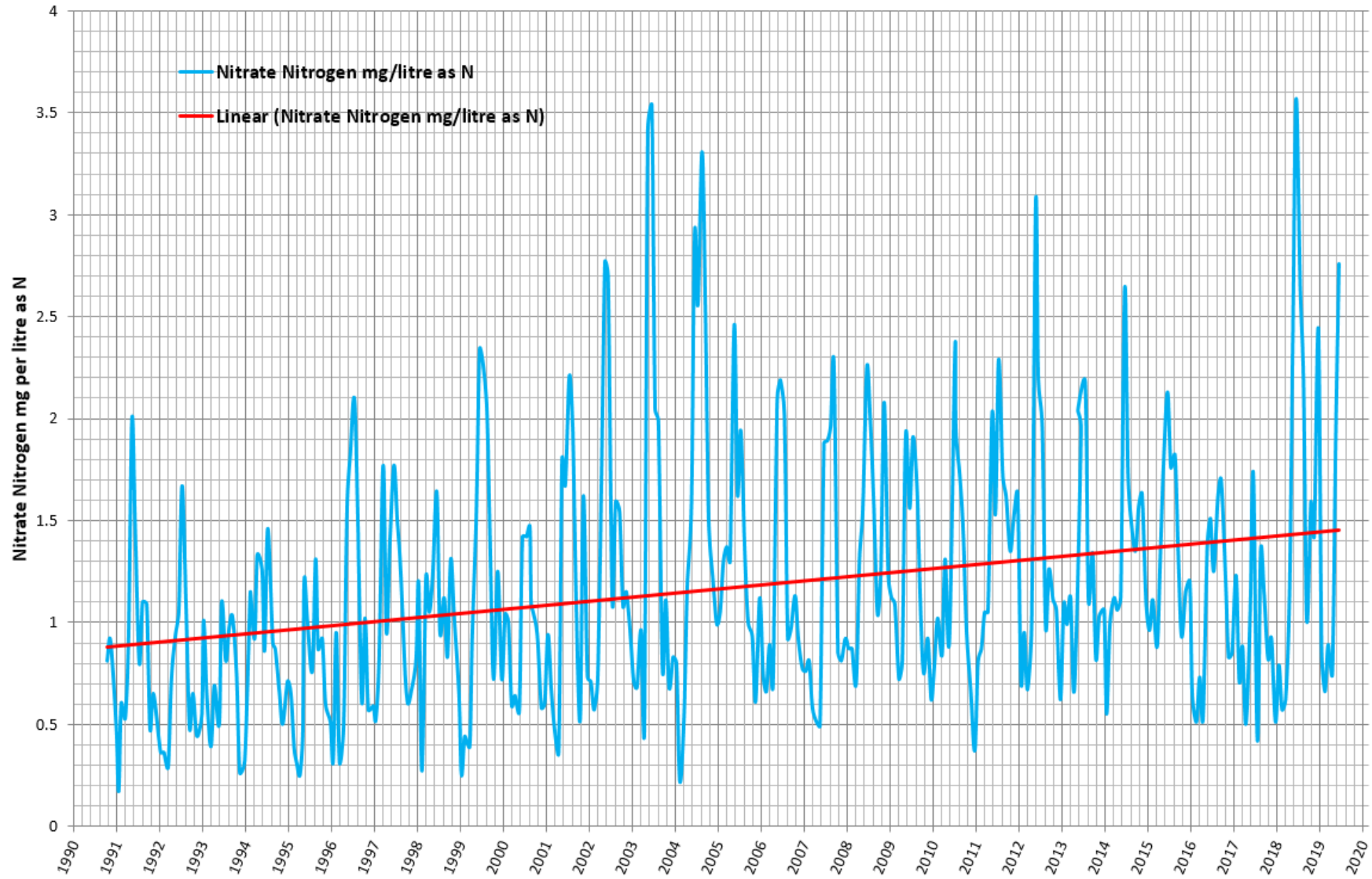


# Oreti River at Branxholme Nitrate Nitrogen mg/litre as N (1990 to 2020)

12 months per year analysed



# Oreti River at Branxholme Nitrate Nitrogen mg/litre as N (1990 to 2020)



# Invercargill on the End of a Pipe

- On the receiving end
- The other two waters
  - ❖ Stormwater
  - ❖ Waste water
  - ❖ Treatment



# Infrastructure, balance of demand / affordability

## Demand

AMP, LTP, 30 Year IS, LOS, consents  
Audits, Annual Plan, Annual Report

## Affordability

Renewal cycle, aging population, annual rates spend \$10 million

## Structural Change

# Then and Now

- Land reclamation
- Waste discharges
- Other activities
- Now?

# Considerations

- PCE
- Science, data, knowledge
- Context
- Best use of resources, good will
- Climate change