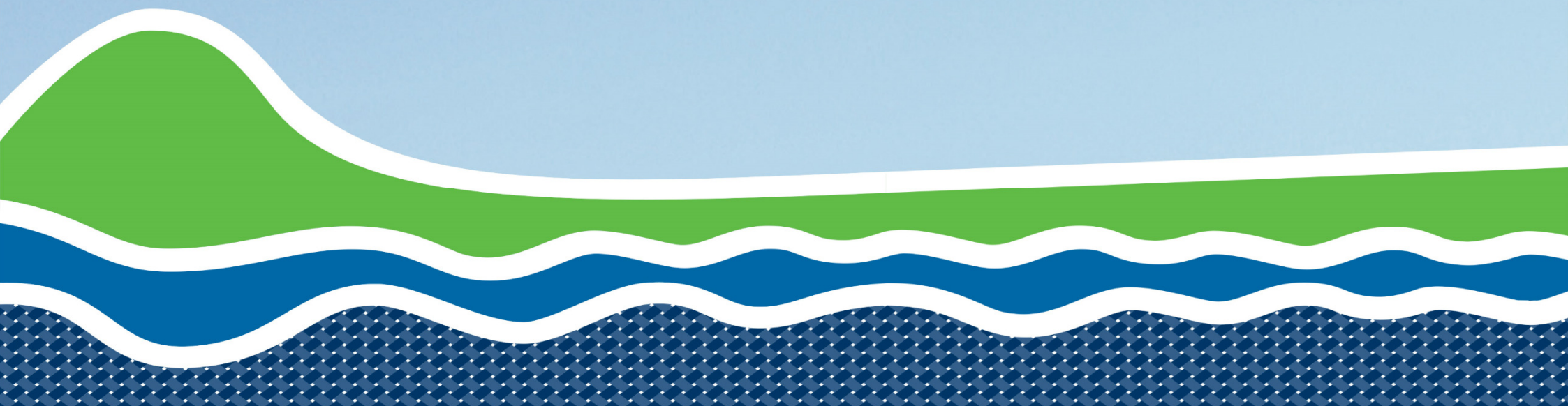
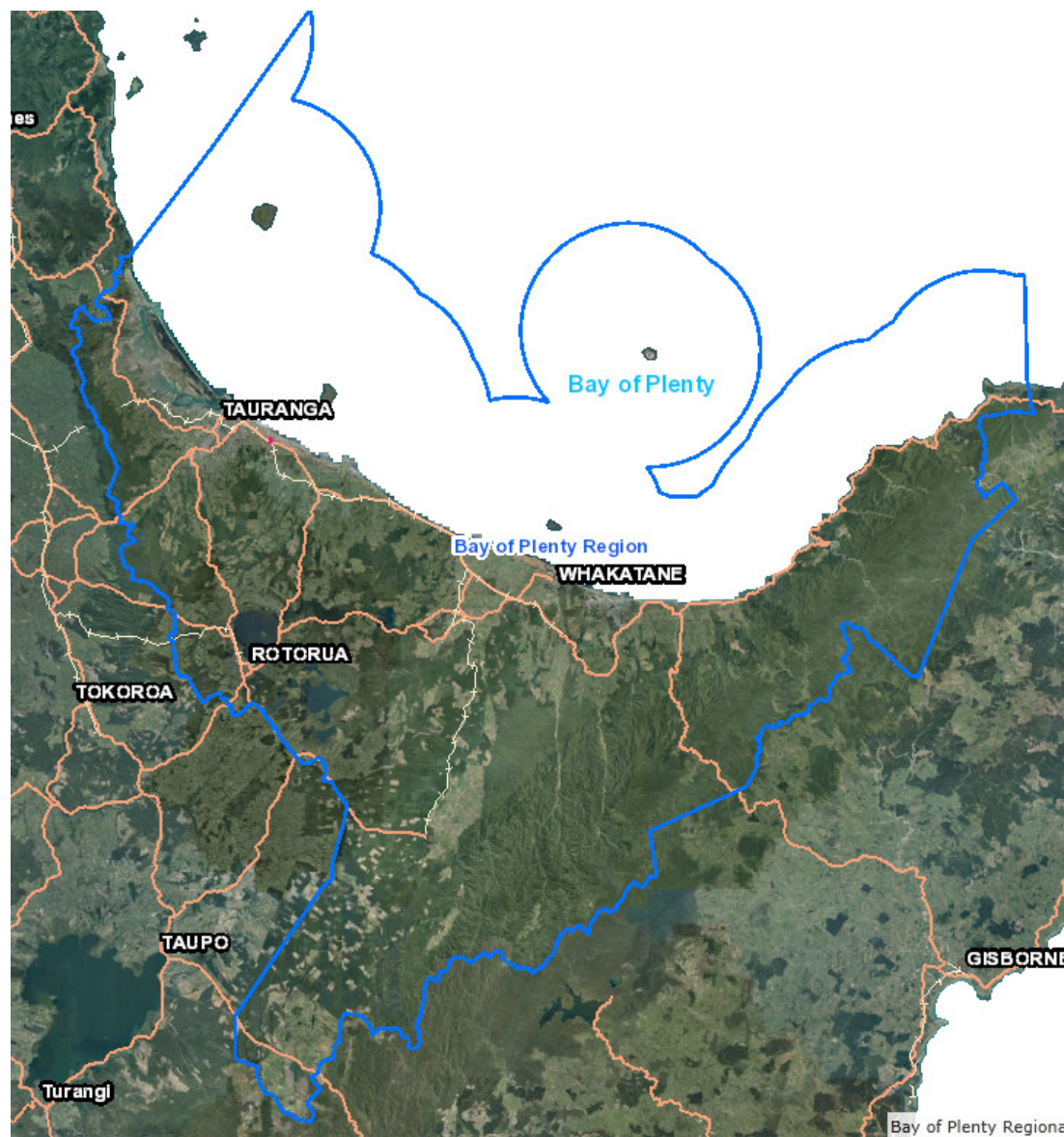


The Bay of Plenty story

Land Treatment Collective 2016





The Te Arawa Rotorua Lakes

The Jewel in the Crown

12 lakes

Mostly water filled calderas

Holiday destinations since 1840's



Tauranga Harbour

Where the World goes on holiday

- NZ's 5th largest city
- 78 cruise ships during the 2015/2016 summer
- Mt Maunganui beach has been awarded New Zealand's Best Beach for the third year in a row, 2nd place in the South Pacific, and 25th best beach in the world!
- 2400 sunshine hours each year





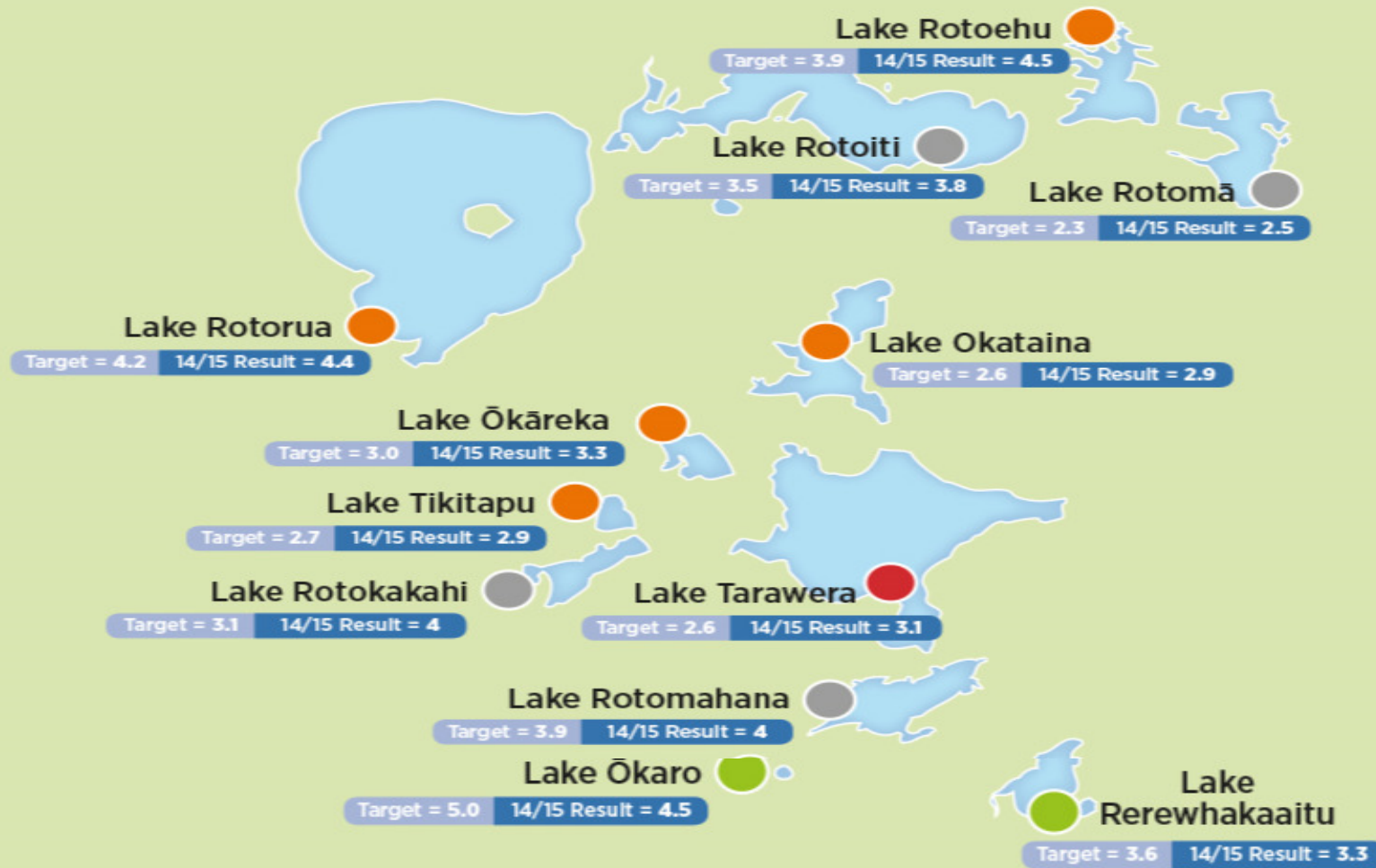
Problems in Paradise



Rotorua Te Arawa Lakes

SELECT A LAKE BELOW

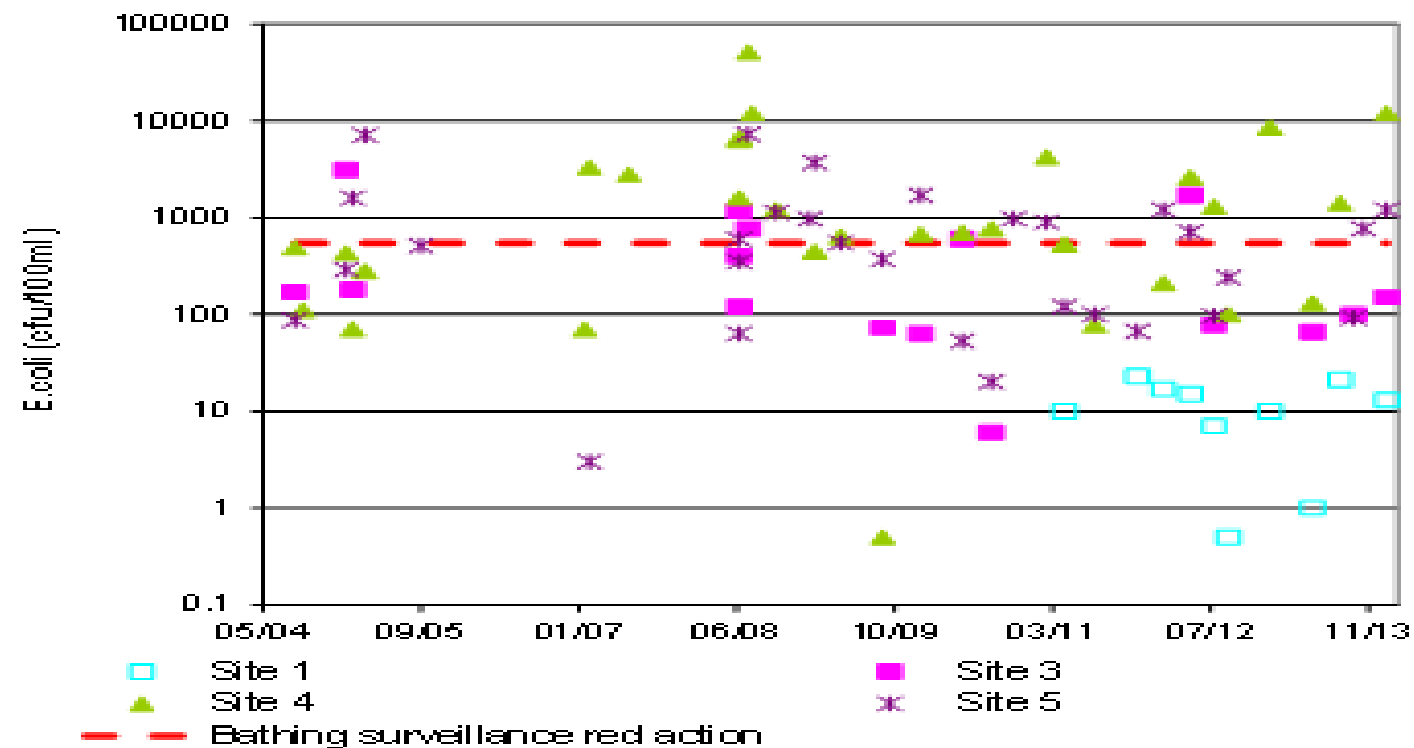
Rotorua
 Rotoiti
 Tarawera
 Rotoma
 Okareka
 Okaro
 Rerewhakaaitu
 Rotoehu
 Rotokakahi
 Okataina
 Rotomahana
 Tikitapu



● Improving
 ● Stable
 ● Declining
 ● To be Investigated

Tauranga Harbour

An example





The Response



The Response to Problems

Reticulation-Many communities already connected, more to come

Maintenance Zones

Identify suitable systems

Train designers

Publications

Seminars



What has it cost?



What has it cost?

Reticulating communities has cost many \$ millions

- Property owners
- Government subsidy SWSS
- Local Authorities
- BOPRC subsidy

Not yet complete

- Focussed on worst situations
- Deprived communities



Can the OSET Plan be implemented?



Can the OSET Plan be implemented?

Yes, but there is a problem with getting the information through to the drainers



What % have Management Contracts?



What % have Management Contracts

Unsure

We get copies of service reports

We have a database

Will follow these up



What is the best thing in Region?



What is the best thing?

What is the single best thing that has occurred in your region for managing onsite wastewater?

OSW Training

- Designers & Inspectors have a sense of vocation
- Improved understanding



One thing that needs to change?



One thing I would change?

Education – get a common understanding of the issues

- Property owners
- Designers
- System Manufacturers
- TA Building Inspectors
- Drainlayers
- Service persons
- Septage contractors



The best thing in the last five years?



The best thing in the last five years?

What is the best thing that has occurred in the industry in the last 5 years?

Outlet Filters and Maintenance Zones

