

## Kia Tū, Kia Māia



**VOTE - Voting papers will be delivered between 20<sup>th</sup> & 25<sup>th</sup> Sept!**

## COUNCIL IN FOCUS

### DRONE TECHNOLOGY THE BUZZ

Drone technology is being introduced by the Wairoa District Council.

The Council's drone package will mean significant cost savings as well as the improved technology being used to help manage Council's assets.

The total drone package was budgeted for in Council's water renewals water loss management plan as part of the leak detection programme.

The technology includes thermal imaging and a thirty times zoom capability to detect water leakage.



No leakage visible in the image without the thermal imaging ability.



The dark spot on the reservoir marks a water leak, easily picked up by the thermal imaging capability of the drone.

Council's Community Assets and Services department has a water leak management programme in place in a bid to understand and ultimately eliminate leakage which at the beginning of 2018 stood at 512 million litres per year, incurring lost revenue costs of around \$370,000 each year.

Wairoa District Council chief executive Steven May said it is expected the drone will be cost-beneficial within the first year.

**THE ABILITY TO CONDUCT DRONE-BASED WORK IN-HOUSE IS A GREAT MOVE FOR COUNCIL AS IT SAVES COSTS IN CONTRACTING SOMEONE FROM OUTSIDE THE DISTRICT TO DO THE WORK.**

"Introducing the drone is a smart move as it encourages key staff with new technology and is a cost-effective way to help keep a small local body compliant in many activities.

"The drone also gives us instant eyes in helping to manage Council's \$260 Million worth of community-owned assets.

"The Wairoa community should be proud of the Community Assets team and its Group Manager Stephen Heath for bringing world-class solutions to Wairoa."

The drone package will be used for wastewater pond management in Wairoa and Mahia, annual monitoring of 17 water reservoirs cover inspections which require photographic evidence for Ministry of Health compliance and automated water meter reads with programmable flight paths.

Currently, it costs Council \$10,000 per year to read all of the district's water metres.

It will also be used for inspections of the district's 175 bridges, slip management, spring water detection and land water flow paths, parks and reserves inspections and mapping, building inspections and if required for Civil Defence Search and Rescue assistance.

The drone can fly for 40 minutes within an eight-kilometre radius off one battery.

The equipment will also be used for landfill compliance monitoring which will enable Council to enhance monitoring of the landfill void capacity, carry out topographical surveys of the landfill and thermal image monitoring for hot spots to mitigate fire risk.

The drone will also be used for marketing with video and stills for different projects

Locals should expect to see the drone in action from this week flying around town looking for water leaks as part of the water leak management programme. In the coming months this will extend to other areas like Mahia and Tuai.

### KEEP WAIROA BEAUTIFUL

Get involved in keeping Wairoa Beautiful by taking part in tomorrow's Black Friday clean-up.

**THE RUBBISH COLLECTION INITIATIVE IS PART OF NEW ZEALAND'S BIGGEST CLEAN-UP IN LINE WITH THE NATIONAL KEEP NEW ZEALAND BEAUTIFUL PROGRAMME.**

Tomorrow's Black Friday Clean-Up Day is the first local event and will run from 10.30am to 1.30pm.

Members of the public and school students are encouraged to don their best black attire and clean-up around their closest school blocks.

As well as keeping their area beautiful two spot prizes worth \$50 each are up for grabs.

The second event is a Wairoa community clean-up on Saturday September 21 from 2pm to 4pm.

The clean-up will focus on the Wairoa riverbank beginning from the lighthouse and following the river to Pilot Hill.

Clean-up kits will be provided at both events and rubbish will be collected by the Wairoa District Council.

For more information contact Jenni Scothern-King on 06 838 7111 or Austin King on 06 838 7440.

## FOR YOUR DIARY

PUBLIC NOTIFICATION

### FINANCE, AUDIT & RISK COMMITTEE

Tue, 17 September: 1.30pm

### COUNCIL FORUM

Tue, 24 September: 1.30pm

### EXTRAORDINARY ECONOMIC DEVELOPMENT COMMITTEE

Tue, 1 October: 1.30pm

### MĀORI STANDING COMMITTEE

Thur, 10 October: 12.30pm



### CONTACT US

Wairoa District Council  
Queen St, Wairoa  
info@wairoadc.govt.nz  
(06) 838 7309

## KEEP WAIROA BEAUTIFUL

CLEAN-UPS FOR KEEP NZ BEAUTIFUL WEEK

**FRI, 13<sup>th</sup> SEPT**  
10.30 AM TO 1.30PM

### Black Friday Clean-up Day

Don your best black attire & clean up around your closest school block. Two spot prizes worth \$50 each to be won!

Clean-up kits provided.

**FRI, 21<sup>st</sup> SEPT**  
2 PM TO 4 PM

**Wairoa Riverbank**  
Lighthouse to Pilot Hill

Clean-up kits provided.

Clean-up kits provided at both events  
Rubbish collected by WDC

For more information contact Jenni Scothern-King on (06) 838 7111 or Austin King on (06) 838 7440

