

# WAIKATO PGF LIDAR PROJECT

## Newsletter

# LiDAR Survey Operation is Complete

### Project Update

We are excited to report that both survey operations are now complete.

All aerial survey data has passed the necessary checks by Woolpert in the US and the planes have now demobilized from the project.

We are particularly grateful for the five members of the project team from Australia who had to spend fourteen days in quarantine and then a long absence from their family and friends.

Kind Regards

Rolf Boswell (WLASS), Bryan Clements (WRC), Matt James (iXblue), Stuart Paisley (iXblue)

### Final Survey Statistics

**26,483km:** Aerial survey line km achieved

**185 hours:** Total survey flying time

**310:** Number of ground survey sites completed

**22 Terabytes:** Amount of survey data collected

### What happens next?

The team at Woolpert can now begin processing the 22 Terabytes of survey data.

Ultimately, the contract milestone to deliver the final datasets is October 2022. This is a large and complicated process and Woolpert will be following a stringent methodology as they do this.

The key steps of the LiDAR processing are

- Flight data Ingestion & Quality Control (QC)
- Geopositioning
- Point classification
- Hydro Breakline Digitization and Flattening
- Product Generation
- Deliverable QC

Upon receipt of the data, WLASS & LINZ will also be undertaking robust QC.

### CoFunders

We are grateful to the following six organisations who have generously agreed to support this regional project.

- Environmental Research Institute (Waikato Uni)
- Earthquake Commission
- Mercury NZ Limited
- Waikato River Cleanup Trust
- WEL Networks
- Lincoln Agritech

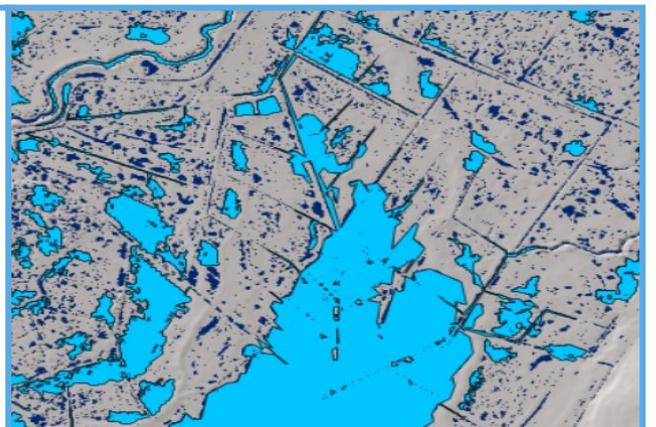
### Project Story Map

As mentioned in the previous newsletter, the team at Waikato Regional Council have produced a comprehensive project 'Story Map'.

As well as providing a lot of information about the project, it also gives information about the value of a Waikato regional LiDAR data set.

Feel free to share this resource to anyone interested.

You can access the 'Story Map' [HERE](#)



### How can I found out more?

Email us on [info@waikatolass.co.nz](mailto:info@waikatolass.co.nz) OR go to the website [HERE](#)

### Feedback?

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