District Plan Zone Comparison

- Of the 69 Local Councils in the District Plan Zone Spreadsheet 31 have readily available access to their district plan zone information in a spatial format. (29 of these are in an Arcgis format).

- Each council has a varying level of detail in their classification of District Plan Zones.
  Provided there is a degree of consistency through which the councils classify the different zones these could be grouped into broader categories and applied to NZ Building Outlines in the 'use' attribute.
  Having consistency in the district plans is important for applying these to building outlines a layer with national coverage.

- To get full coverage of the building outlines dataset more of these district plan zone datasets would be required.

- Manual work would initially be required to group the zones of the different local councils into high level use categories which could be applied to NZ Building Outlines like:
  - Residential
  - Rural
  - Industrial
  - Commercial

- See the attached spreadsheet (tab: Zone Categories) for an example of how some of these categories could be grouped for different areas.
  https://docs.google.com/spreadsheets/d/1B0O5HFkYA2-5uXwzTmmvDOizF4-pgcBhgwKGZS74_Ao/edit?usp=sharing

Schools/Hospitals and Other Topo50 Categories

Unfortunately not all councils have zones specifically for Buildings like schools and hospitals.
Most often these buildings fall in general residential categories.
(This example in Waikato falls into the 'living' zone).

Schools/Hospitals and Other Topo50 Categories

To solve this it would be best to apply the topo50 Names and Uses to the building outlines first.

After this the application of grouped district plan zones could be applied to the building outlines through a similar process to how suburb locality information is applied ensuring that the existing names and uses are not overwritten.
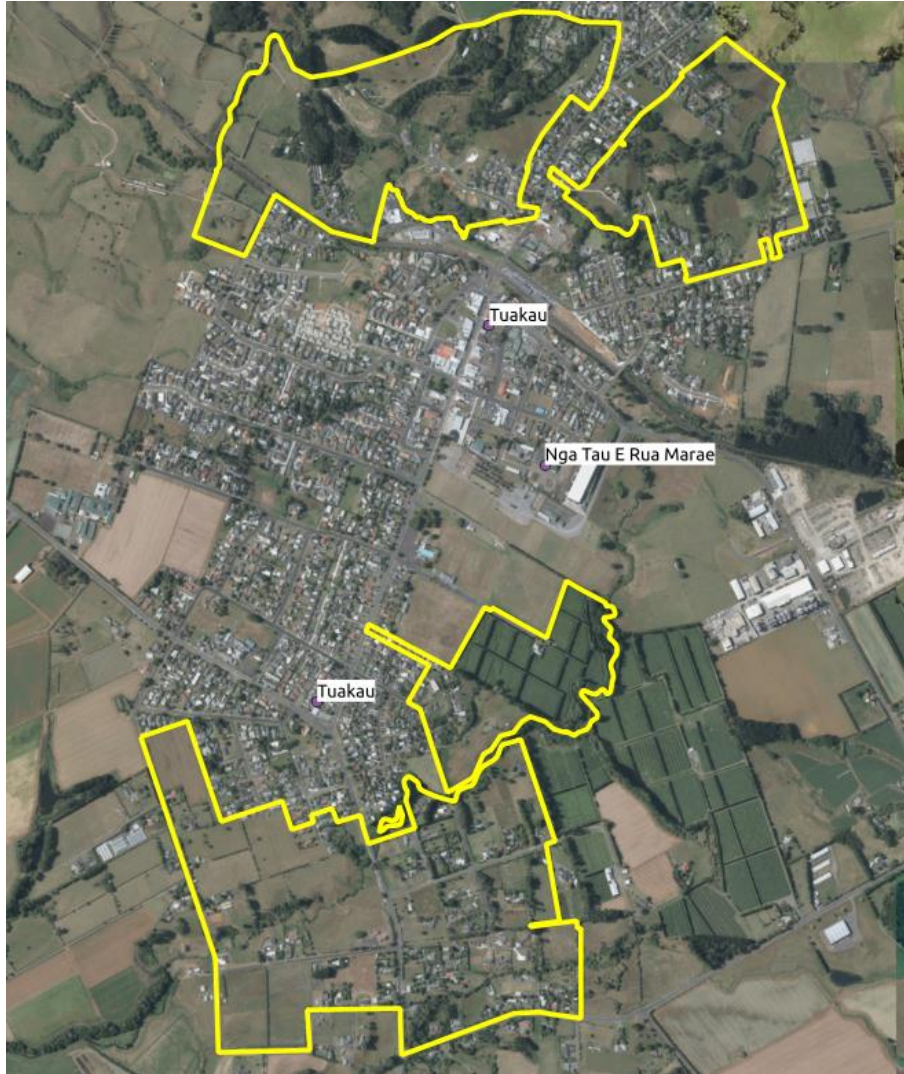
Then the schools etc. classified through the topo50 names and uses project would remain and surrounding buildings would be classified as residential (or the relevant zoning category).

The application of zones to building outline uses can be done in a SQL Query.

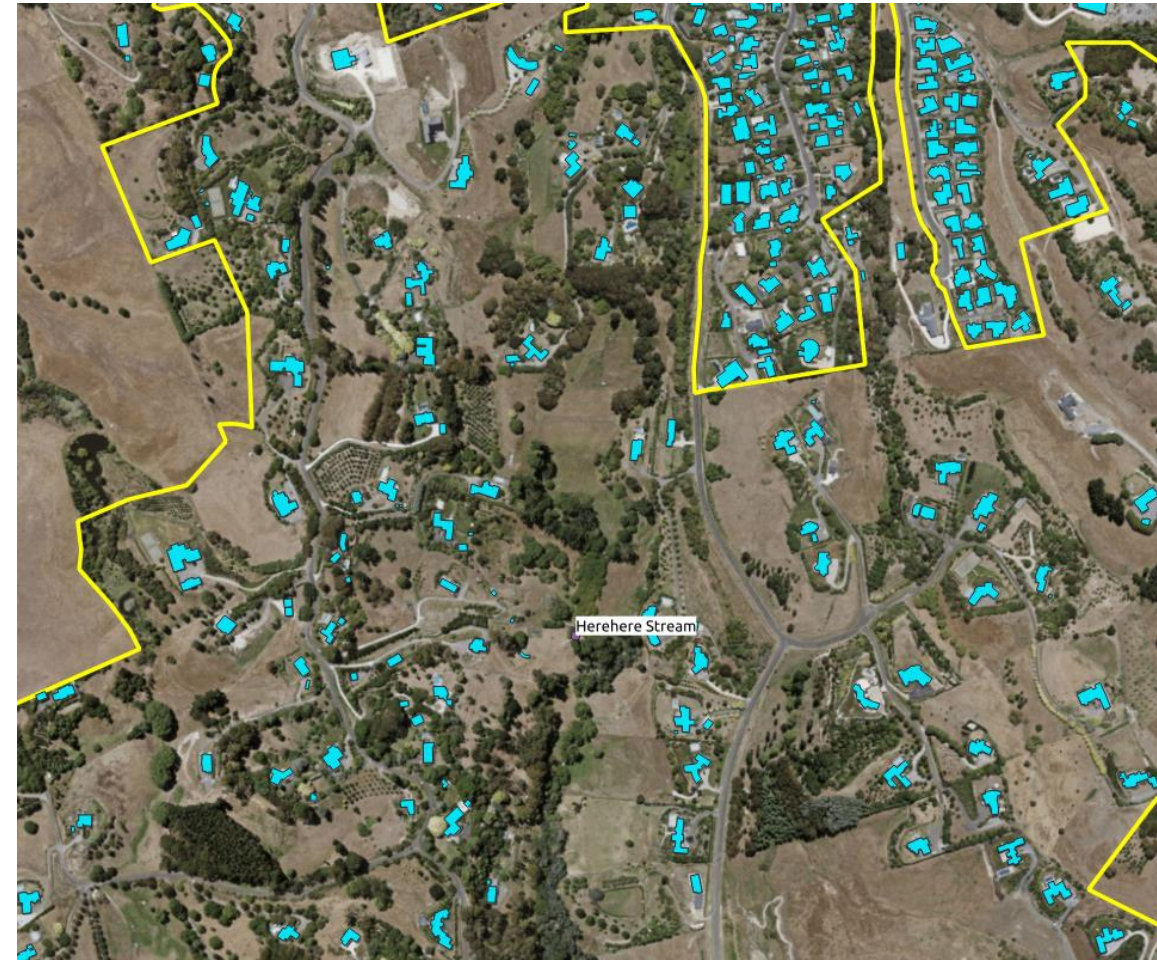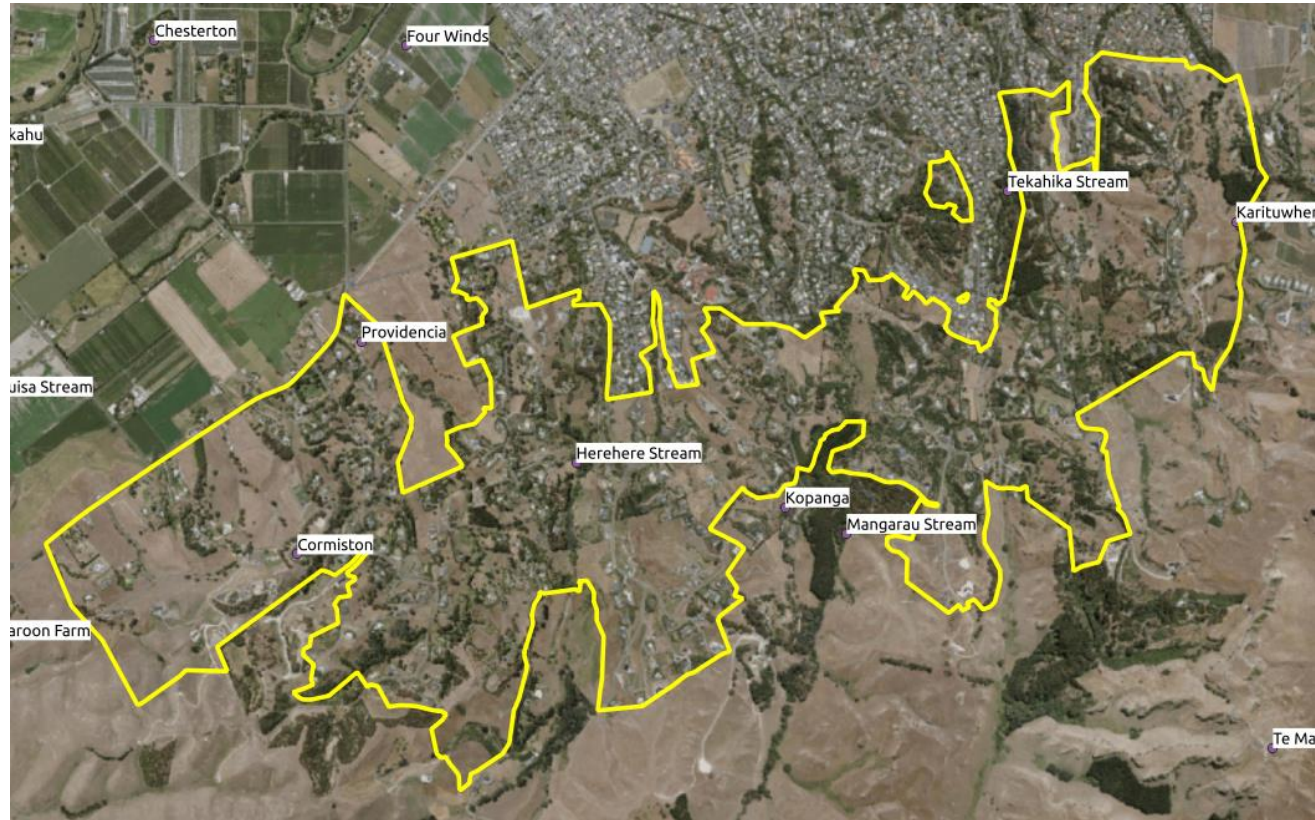# Example of Inconsistent Zoning: Rural – Residential

Waikato

Rural – Residential

Gisborne

Rural – Residential

Hastings

- In general this category represents disperse housing surrounding urban areas.

- Gisborne Incorporates more rural land than the likes of Hastings or Waikato. As seen in the image below the Gisborne Rural-Residential zone is more like the Hastings Rural zone.

Gisborne- Rural Residential

Hastings – Rural