

# What does the Tegel Broiler operation mean for Kaipara?

## Water

Tegel wishes to take 35x the maximum permitted groundwater limit totalling a proposed 350m<sup>3</sup> /day. This amount is equal to drawing out 4.9L per second. With the ongoing water quality issues, freshwater from aquifers will be like gold in the future and is a resource that should be protected for the community and not exploited by large companies.

The intended property borders the Wairoa River and has a river running through it. A culvert is proposed to be built in a current Riparian Management Zone.

## Air

Tegel intends to burn the used litter (approx. 1700 tonnes every 6 weeks) from the sheds which contains 4 times the nitrogen and 24 times the phosphorus found in pig/dairy cow litter-based operations. Up to 40 tonnes per day is expected to be burnt.

Research has found burning poultry litter “may actually produce as much or more toxic air emissions than coal plants”. The toxins produced include carbon monoxide, carbon dioxide, nitrogen oxides, and hydrochloric acid. Other toxins that will be emitted are particulate matter which contributes to respiratory infections and heart disease and dioxins which is a known carcinogen (cancer causing agent).

Emissions from the litter burning energy centre are expected to reach the Kāpehu Marae, Arapohue School, Te Kopuru School and other dwellings.

Tegel has stated that dust may be emitted during cleaning and ongoing operation of the sheds, “in addition to potentially causing soiling of nearby surfaces and property, the dust may be odorous and contain hazardous pathogenic material (manure)”.

According to the consent application “sensitivity to odour and air pollutants will be highest at Te Kopuru and the cluster of dwellings along Mititai Road to the north of the site, due to the higher density of residential activity in these areas”. It has been stated that there is medium to high risk of offensive odours to properties beyond the boundary.

## Cultural

The land use for the property will be moving from pastoral to industrial/intensive farming. The latter form of land use is coming heavily under fire from consumers and has potential to affect the impression of the area.

The Kāpehu marae and urupā are located on the boundary of the Tegel property. The whānau of Kāpehu marae have had extensive discussions about the proposed free range broiler poultry farm and passed a resolution opposing it.

The proposed area is in a relatively close proximity to Maungaraho rock.

There are two pa sites with only 50m confirmed distance from proposed work. These areas of possible cultural significance have already been partially eroded due to previous land use, and need to be protected from further damage

Three of the proposed sheds will be within 300m of SH12 and could affect the perception of the area by motorists using the highway.

## Animal Welfare

The public are moving away from supporting intensive farming operations due to concerns for animal welfare.

This farm will allow for 0.06m<sup>2</sup> inside, this is the equivalent to approximately one A4 sheet per individual and 0.14m<sup>2</sup> outside area per chicken, which is approximately 2 x A4 pages.

Information is also continuously emerging regarding the health issues inherent with animals selectively bred for high meat yield commonly used in these systems. These include poor skeletal integrity and poor organ health.

## Submissions

Submissions must be made to KDC, NRC and copied to Tegel by March 7<sup>th</sup>. More info can be found about this on the KDC and NRC Public Notices webpages, or by talking to one of the meeting organisers.