

02<sup>nd</sup> April 2024

To whom it may concern

Re: Application for resource consent

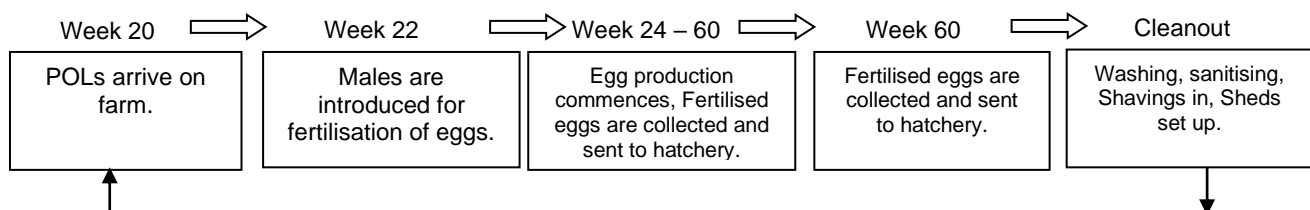
On behalf of Lifestyle Chickens Ltd

With regards to the green fields project intended for Address 227 Hunter's Road. It has been brought to my attention that a Management Plan is required for the application of the resource consent, outlining the Management of the Site in such a way as to minimise odour and other contaminants to air.

The site will consist of two sets of 4 sheds each, The Management of the Site will be overseen by two experienced Farm Managers who will reside on site, and will be governed by several documents, including the Tegel Breeder Manual, the Ross Breeder Manual, and the Tegel Breeder Standard Operating Procedures. Both sites will fall under the scope of the RMP and will be audited on a regular basis by both Internal & External auditors. These documents outline the procedures and processes involved in operating a Poultry Breeder Farm, and include Bird Management, Shed Operation, Environmental Control, Biosecurity, Bird welfare, Regulatory compliance etc....

In summary – the relevant processes will include:

**Cycle:** Dry, untreated wood shavings are delivered and are evenly distributed through the sheds. 20-week-old POL (point of lays) will be placed into the sheds and remain there for approximately 40 weeks. During this time the birds will be given access to food and water and start the egg production cycle around 24 weeks of age, birds will continue to produce egg for the remainder of the 40-week cycle. During this period, the wood shavings will combine with the bird droppings and break down to dry and friable Litter. At approx. 60 weeks of age, these production birds will be caught and processed through the Hornby processing plant. Once the sheds are empty, the Litter will be removed, sheds are washed, cleaned, and sanitised, set up and the Cycle begins again.



**Environmental Control:** This site will be based on the latest breeder farm design, fully automated and will boast the latest, state of the art facilities, equipment, and ventilation systems. These systems are recognised as world leading in breeder production. The simple description is a number of Fans, Heaters and inlets controlled by internal shed temperatures, humidity levels and oxygen requirements of the birds. The computerised controller automatically operates the fans and vents on a regular basis, removing Humidity and CO<sub>2</sub> and allows adequate fresh air into the sheds to ensure the birds welfare is maintained and friable litter conditions are achieved. This process ensures that birds are kept in optimal conditions as well as preventing excess moisture from building up in the litter. Excessive moisture, if not managed properly can result in increased odour emissions. It should be noted that stocking densities are under 30 kg per M<sup>2</sup> at any one time, ensuring litter and air quality are optimal at all times.

**Litter Removal:** Once the birds have been removed from the site, the litter is pushed out of the sheds onto concrete end pads using a Bobcat or similar machinery. The sheds are then swept and blown down to remove as much solid matter as possible. Immediately after (and often during), a contractor loads the litter into high sided, covered trucks using a specialised loader. The litter is then transported off site and is typically sold to farmers as fertiliser. Once the litter has been removed, the sheds are washed out using high pressure water blasters. Any solid matter remaining is trapped in sumps at the end of the sheds, which are cleaned out by an independent contractor. All grey water flows into a dedicated settling tank and will be discharged onto surrounding paddocks. The time taken to push out and remove litter will take no longer than two weeks. The shingle surrounding the end pads is also removed and replaced with fresh shingle – this prevents any build up of organic matter in this area which can lead to odours.

**General:** The proposed site will be built and used as a Breeder production facility; bird numbers are unlikely to exceed 44,000 birds per site. This number of birds  $\leq 7/b/m^2$  places much less pressure on the litter than a comparative broiler farm and minimises odour and other emissions from the sheds. Truck and vehicle movements will be minimal as feed trucks will deliver once per week, Egg trucks will collect and deliver to and from farm three times per week and small vehicle movements will be daily to allow staff to carry out responsibilities.

Should you have any queries, or require any further information, please do not hesitate to contact me.

Regards

Michael Roberts  
National Breeder Manager

Tegel Foods Ltd  
112 Carmen Road  
Hornby  
Christchurch  
8441

T: +64 3 367 2620

M: [REDACTED]

Email: [michael.roberts@tegel.co.nz](mailto:michael.roberts@tegel.co.nz)