

# Attachment G

## Resource Use and Energy Efficiency

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## **G.1. List of the raw and ancillary material, substances, preparations, medicines, disinfectants, fuels and energy which will be produced by or utilised in the activity**

### Water

Water for the farm is already supplied by means of a private well on site. Water usage is kept to a minimum due to the cost of pumping water to wash houses. Approximately 100 gallons are used to clean houses, approximately 455 litres. The location of the well is indicated on the site layout plan attached (W1).

Water will provide for the following:

(a) Drinking water for livestock

All animal drinking appliances are regularly maintained to ensure that there is no leakage to the waste storage structures.

(b) High pressure wash down systems.

### Gas

Gas is used to heat the poultry houses. Gas is stored onsite in a secure tank in a designated area away from any dangers.

### Disinfectant

Houses are disinfected with a high solution (approved by the Department of Agriculture), doors are then closed to let dry. This disinfectant is kept in designated secured stores.

## **G.2 Energy Efficiency**

Efficient use of resources is an essential part of business sustainability. Electricity onsite is currently used for the following:

- Automatic feed augers
- Automatic ventilation systems
- All artificial lighting to housing and outside yards

Energy and resource usage onsite is consumed efficiently. Waste water generated in the cleaning process of poultry houses will be minimal since water minimisation is a priority of the operation of this unit. The ventilation system is maintained in a good working order as is the drinkers such that wastage and leaks are prevented.

An energy audit will be completed by the Unit if required by the Agency.