



**Baiada**

# **Waste Management Plan**

**Grenfell Farms 1, 2, 3 & 4  
Gooloogong Road  
GRENFELL, NSW, 2810**

**Environmental Protection Licence TBA**

|                |                 |                            |                        |
|----------------|-----------------|----------------------------|------------------------|
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| Checked By:    | Sean Backhaus   | Regional Livestock Manager | Date: 14/10/2021       |
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| Template No:   | BAI-TMP-016-NAT | Issue No: 1                | Issue Date: 31/08/2018 |

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## **1. Waste Management:**

### **Purpose:**

To ensure that all solid waste generated from activities on the site are managed and disposed of in a manner that will not endanger the environment and where possible, seeks to recycle and reuse material.

### **Scope:**

All site operations.

### **References:**

Protection of the Environment Operations Act 1997 & Regulation Requirements.  
All relevant Development Approvals.  
Environmental Protection Licence.

### **Responsibility:**

All site personnel.

### **1.1. Disposal of Waste Material:**

#### **(Shed Litter Material – at clean out)**

All shed litter is removed during cleanout of the sheds and taken from site in a timely manner and not stored on site. The waste is sent for beneficial re-use by a contractor and loaded directly from the sheds into a truck. This procedure to mitigate environmental risk is controlled in the following manner:

- Generation of dust – monitored by on site staff during clean out with appropriate wetting down action taken if required
- Generation of odour - monitored by on site staff during clean out with appropriate action taken if required
- Trucks removing the litter waste must cover the load prior to leaving the farm

It is evident that this method of management is applied successfully as no complaints have ever been recorded relating to this type of activity.

Dockets for waste are supplied to the farm stating location the litter waste is being delivered to with approximate m<sup>3</sup>. A check is made of trucks leaving site to ensure the load is adequately covered (Form: Tamworth Farms- Cleanout Load Checks) and also CoR if it is a heavy vehicle. The average volumes of this material is approximately 400 litres per week.

### **1.2. Disposal of Used Chemical Containers:**

Plastic chemical containers are stored on site for short periods until they are returned to the chemical supplier. This is done on a regular basis. If this is not possible, then they will be sent to Drum Muster at the appropriate time.

### **1.3. Management of Other Solid Waste:**

All other waste (such as litter, cigarette butts etc) from farms and the rural dwellings is estimated at 8,000 litres per week which is to be disposed of into wheelie bins or similar containers located near the office area at the farm. These wheelie bins or similar containers are lined with a plastic bag which enables them to be emptied daily at shift end from the farm into a larger industrial skip bin around 2m<sup>3</sup> in size, located at the front of each farm for collection. The waste from the dwellings is handled in the same way and emptied into the skip bin when required. A waste contractor empties the industrial bin on a weekly basis, or more regularly if needed.

Waste bins stored externally are to have lids closed and these are to be kept closed when not in use to prevent waste from being blown out of the bins, causing littering and the potential to enter the storm water system. If the industrial bin is full prior to collection day, then extra collections will be organised by the farm management. After emptying, bins are to be rinsed out at the hosing station

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with potable water to maintain hygiene.

Recyclable waste such as paper, cardboard and plastic is put into the Recycling Bin near the amenities area. Recycling pick up or drop off will be investigated for local services in the first instance and volumes are small – estimated at around 200 litres per week.

Estimated volumes of material taken for recycling are to be recorded and kept on file (Form: Livestock Recycling Form).

#### **1.4. Management of Other Waste Recycling of Aluminium Drink Cans and Glass:**

Aluminium cans are collected on site put into the Recycling Bin near the amenities area. Recycling pick up or drop off will be investigated for local services. Estimated volumes of material taken for recycling are to be recorded and kept on file (Form: Livestock Recycling Form). These are expected to be around 100 litres generated per week on average.

#### **1.5. Recycle Plastic Drinkers/ Feeders:**

Any plastic drinkers/ feeders would be sent to recycling; however, this is minimal. A docket would be kept on file if this was to occur and the estimated quantity recorded on the Livestock Recycling Form (EMS-F-050-NAT).

#### **1.6. Recycling Toner Cartridges:**

Office toner cartridges for the photocopier and printer are recycled or refilled. Recycled cartridges are sent to Planet Ark for recycling. Numbers of cartridges sent for recycling are to be recorded on the Livestock Recycling Form. Some types of cartridges can be refilled a number of times before recycling and this is the preference.

#### **1.7 Disposal of Formaldehyde Residue:**

Not applicable

#### **1.8. Use Fluorescent Tube & Energy Saving Globes:**

The farm will use energy saving globes where ever practicable to help reduce the use of non-renewable resources to meet the farms environmental KPIs. These globes be LEDs for maximum energy conservation.

Waste globes & tubes will be taken to the Processing Plant for collection and recycling. Alternatively, they can be taken to the council drop off location at the Landfill site for recycling where available. Numbers and type of globes is to be recorded on the Livestock Recycling Form.

#### **1.9. Disposal of Clinafarm Smoke Generators:**

Not applicable.

#### **1.10. Disposal of Obsolete Machinery:**

Any machinery removed from service is to be recorded on a Fixed Assets Form and sent through to Head Office. The machinery is to be stored in such a way that it will be protected from damage. Any fuels or oils are to be removed from the machine if it is stored outside and no bunding is available. When obsolete machinery is re-used or sent to another site, this is to be recorded and Head Office advised. If it is no longer to be used, parts are recycled where possible (e.g. hard plastic and metal recycling).

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#### **1.11. Waste Oil:**

Contractors remove oil from site after servicing the generator which is sent onto a third party for transport and disposal.

#### **1.12. Dead Bird Management:**

Daily bird mortalities are collected at least once a day from each shed, placed into large metal cages on wheels and stored in the on-site freezer container at each farm. This way, there is no potential for decomposition of the carcasses to risk odour emissions. These are picked up in a covered waste vehicle and taken to a Baiada rendering plant. If greater than expected mortalities occur, more frequent collection will be facilitated. Average quantity of mortalities is 5,000 litres per week from the complex.

#### **1.13. Egg Waste:**

Egg waste is collected in covered plastic buckets daily and taken to the chest freezer (household) where it is dispensed into plastic bags and frozen. When full, these will be picked up and taken to landfill for disposal, usually on a weekly basis. Approximately 1,400 litres of egg waste would be generated from the complex on average on a weekly basis.

### **MONITORING**

- Volumes of waste that are taken off site are documented by receipts – with the exception of the toner cartridges
- Recycling recorded
- Weekly EMS site inspection

### **DOCUMENTATION**

- Dockets showing removal of all waste and all recycling - EPA waste dockets to be kept on site for 24 months.
- Copies of current Waste Contractor Licenses, if applicable
- EMS Hub – Recycling Tab
- Form: Tamworth Farms – Cleanout Load Check
- Fixed Asset Form
- Form: Weekly EMS Checklist
- CoR checks on heavy vehicles in accordance with Bsafe system requirements

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## 2. Management of Waste Water:

### Purpose:

To manage liquid waste for this site, in such a manner that the environment is protected from harm, and to promote recycling

### Scope:

All activities occurring on site

### References:

Protection of the Environment Operations Act 1997 requirements  
All relevant Development Approvals  
Environmental Protection Licence (number TBA)

### Responsibility:

Farm Management

### 2.1. Amenities & Septic System:

All amenities waste water from the use of showers, basins and toilet etc at the farm are disposed of via the onsite sealed septic system which is serviced at the required intervals according to manufacturer's recommendations. If the system requires cleaning / pump out, it will be done by a licence waste contractor.

No other waste water is generated outside the sheds from farm activities.

### 2.2. Vehicle Wash Down:

These are in the form of wheel washes. The run off is captured in the sump and generally evaporates as it generates such small quantities.

## MONITORING

- Weekly checks on diesel storage during site inspection
- Weekly EMS site inspection
- Monthly spill kit checks
- Water usage, (water meter readings)
- Dockets showing pump out of septic system

## DOCUMENTATION

- Form: Weekly EMS Checklist
- EMS Hub

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### 3.0 Other Waste Mitigation Measures:

#### 3.1 Disease Outbreak

In the event of a disease outbreak on farm, or in the region, that require the farm to be isolated, movement onto the farm can be restricted by locking the front entry gate.  
The following steps are in place to prevent disease occurring:

- ✚ A wheel wash is located at the front entry gate of each farm to sanitise vehicles entering site.
- ✚ Foot baths are located at the front of every shed
- ✚ Regular veterinary checks
- ✚ Quarantine order – released weekly
- ✚ Health program – vaccination and monitoring

In the event of a disease outbreak the farm would be locked down with considerable restriction of visitors on site. Depending on disease, the birds may be removed either for processing, rendering or disposal. If sent for disposal would be sent to an authorised landfill. All decisions relating to bird handling and disposal would be a direction from Senior Management or from the relevant authority in the very rare event of a notifiable disease outbreak.

Decisions regarding the removal of the litter waste would be made by Senior Management in conjunction with the local Council or other regulatory authority.

#### 3.2 Failure of Freezer Unit

In the event of a failure of the freezer units, Management (Servicemen, EMS Co-ordinator) is to be notified immediately as this may also pose a potential odour risk and a mortality pick up will be facilitated as soon as possible so that they are still in a state that can be rendered as opposed to disposal to landfill.

Daily checks are made on the freezer units and temperatures are recorded. A portable freezer container or large box freezer can be brought on site to be used if there are likely to be significant delays to the original unit being repaired.

#### 3.3 Maintenance

Maintenance is carried out by Baiada Maintenance staff or specialised external contractors. Good preventative maintenance systems will mitigate the risk of such events occurring on the site. A maintenance program will be developed for farms to capture and planned required service, cleaning, testing and inspection intervals of machinery and plant.

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