
Manure Management System

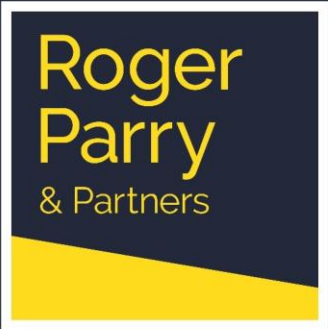
**Broniarth Hall
Guilsfield
Welshpool
Powys
SY21 9DW**

**Erection of a free-range egg
production unit including silos
and associated works.**

Broniarth Hall Poultry

October 2025

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Manure Management Plan

Introduction to Manure Management Plans

Based on information provided by the farmer, the manure management plan fulfils the following objectives:

- From farm size, cropping and livestock numbers, it calculates if the farmer is NVZ compliant – with an average load of 170kg N/ha
- The manure management plan also provides a template for the farmer to record the actual type, quantity and date of organic manure applications.
- The plan does not calculate storage requirements.
- The plan does not constitute a recommendation for the application of organic manures.

Spreading of organic manures can pose a risk of nitrogen getting into surface water via run-off. This report provides mitigation measures to limit this risk in line with The Water Resources (Control of Agricultural Pollution) (Wales) 2021.

Description

The farm business extends to 202 acres of owner occupied land and 12.4 acres rented. The farm currently operates a mixed system with 64,000 hens proposed. The applicants currently buy in fertiliser to spread on the land together with some poultry manure.

Poultry					
Chickens used for production of eggs for human consumption	Less than 17 weeks			0.23	0.00
	From 17 weeks (caged)			0.41	0.00
	From 17 weeks (not caged)	64000	365	0.55	35200.00
Chicken raised for meat				0.39	0.00
Chickens raised for breeding	Less than 25 weeks			0.31	0.00
	From 25 weeks			0.74	0.00
Turkey	Male			1.37	0.00
	Female			1.03	0.00
Ducks				0.91	0.00
Ostriches				1.4	0.00
Total Poultry Nitrogen				kg/annum	35200
[2F] Total Nitrogen produced from <i>livestock</i> on the holding				kg/annum	35200

Figure 1: Grazing livestock Nitrogen output

Total area from (a) above		Nitrogen loading limit for livestock manure			Carry this figure forward to Table 7, box (g) in Section 2 of this booklet
208	X170	=	35,360	Kg →	

Figure 2: Non-grazing livestock Nitrogen output

As the 'Total N from livestock manure' is less than the 'Farm loading value' the farm complies with 170kg N/ha/yr.

Phosphate Produced

Based upon the 20% ranging of the birds, the phosphate deposits to the 80 acre (32.3 ha) range will be 4,992kg P, which is the equivalent of 154.5kg P/ha. No other inorganic fertilisers are brought onto the farm.

Storage of Manure

All solid manure produced within the poultry unit will be removed every four to five days and spread directly onto land in ownership of the applicant.

“Dirty” Yard Areas

The “dirty” yard areas on the farm will be kept to a minimum. This is due to the manure being contained in the poultry unit and removed every four days together with the hardcore area to the front of the poultry unit. The farm business will require all areas to be clean outside the building as they will be producing food products within the unit.

The proposal will incorporate the installation of two dirty water tanks adjacent to the poultry unit. The wastewater tanks will be built in compliance with The Water Resources (Control of Agricultural Pollution) (Wales) Regulations 2021. The tank to be installed will be 1,000 gallons each.

Contingency Plan

There are a number of covered areas on the farm to allow for storing any manure, slurry and dirty water produced at times when spreading may not be possible e.g. due to wet, waterlogged or frozen conditions. This is to ensure manures and slurry are spread at appropriate times to prevent pollution and maximise uptake of nutrients for crop growth.

Contingency will be in place for storing of wash water during and after disease outbreak. Any contaminated wash water will be stored in containers separate from other manures, and will be disposed of by a specialist contractor licensed to deal with such wastes.

Export of Manure

It is confirmed that all poultry manure resulting from the proposed development will be exported off-site to Gamber Logistics Ltd. As a result, none will be spread on land at Broniarth Hall.