

## BRIDGE HOUSE FARM – PIG UNIT

### Buildings and facilities inventory- June 2025

No.	Name (description on plan)	Animal/bird category	No. of places	Housing system	Ventilation system	Emission Factor	Notes & comments
1	Pig Unit Shower/Office						Admin, Staff & bio security
2	Service Yard	Mating/gestating sows	394	Solid Floor, straw, 8 pens x 28, 32 x 2 service pens, 33 x 2 sow pens, <b>40 boar pens</b>	NV	3.29	2 x 8 tonne feed bin
3	Sow House	Mating/gestating sows	448	Solid floor, straw 16 pens x 28	NV	3.29	12 tonne feed bin
4	Open Barn	Gestating/cull sows	390	Solid floor, straw 13 pens x 30	NV	3.29	12 tonne feed bin
5	Service shed <b>(Proposed)</b>	Mating sows	225	FSF Shallow Pit, 5 pens x 45 sows.	NV	2.64	
6	Straw/Muck storage <b>(Proposed)</b>	Muck storage		Solid covered area for storing straw and muck.			

7	Farrowing	Farrowing sows	185	FSF Shallow pit 5 rooms x 37	10 No. Roof high speed fans (>10m/s)	4.62	3 x 10 tonne feed bins
8	Weaner/Grower	Weaner pigs (7-30kg)	2500	FSF Shallow pit 5 rooms, 4 pens x 125 pigs	5 No. Roof high speed fans (>10m/s)	0.443	
9	Grower Building 1	Finisher pigs 30kg+	1296	FSF Shallow pit 2 rooms. 6 sections, 6 pens x 36 pigs	8 No. Roof high speed fans (>10m/s)	2.813	Will house pigs from 15-45kg so calculated as >30kg
10	Grower Building 2	Finisher pigs 30kg+	1296	FSF Shallow pit 2 rooms. 6 sections, 6 pens x 36 pigs	8 No. Roof high speed fans (>10m/s)	2.813	Will house pigs from 15-45kg so calculated as >30kg
11	Finisher Building 1	Finisher pigs 30kg+	1296	FSF Shallow pit 2 rooms, 18 pens x 36 pigs	12 No. Roof high speed fans (>10m/s)	2.813	
12	Finisher Building 2	Finisher pigs 30kg+	1296	FSF Shallow pit 2 rooms, 18 pens x 36 pigs	12 No. Roof high speed fans (>10m/s)	2.813	
13	ST2	Weaner pigs (7-30kg)	540	Solid floor straw, 36 pens x 15 pigs	ACMV	1.888	

14	ST3	Finisher pigs 30kg+	480	Solid floor straw, 32 pens x 15 pigs	ACMV	1.888	
15	ST4	Finisher pigs 30kg+	480	Solid floor straw, 32 pens x 15 pigs	ACMV	1.888	
16	ST5 (to be replaced by Finisher Building 3)	Finisher pigs 30kg+	880	Solid floor straw, 11 pens x 80 pigs	ACMV	1.888	
17	Finisher Building 3 (proposed)	Finisher pigs 30kg+	1944	FSF Shallow pit 3 rooms, 18 pens x 36 pigs	18 No. Roof high speed fans (>10m/s)	2.53	
18	Generator						Diesel backup electrical generator. Integral fuel tank (diesel)
19	Feed kitchen & store	12 no. Feed bins		16 tonne bulk bins			Feed preparation and ingredient storage.
20	Pig loading ramp	N/A	N/A	N/A	N/A		Open ramp for loading pigs on and off site
21	Straw/ FYM store	Straw/FYM		Concrete pad 52m x 23m	N/A		

				580 tonnes/month			
22	Incinerator & Fuel Tank			Fuel tank – 4,000 litres			Low capacity incinerator for pig carcasses
23	Reception Pit - small	Sow House drain		1.3m x 1.3m = 1.7m <sup>2</sup> 34m <sup>3</sup> capacity.	Covered		Transfer of slurry & wash water to lagoon
24	Reception Pit - farrowing	Farrowing and flat deck slurry		5m x 3m x 4m 60m <sup>3</sup> capacity	Covered		
25	Reception Pit - Large	Collection point for all slurry post weaning		500m <sup>3</sup> capacity	Covered		Proposed to be extended with separation
26	Lagoon 1 – earth banked	Pig slurry		40m x 40m = 1155m <sup>2</sup> 3.0m deep 4,800m <sup>3</sup>	Floating straw mat BAT	0.68	Pig Slurry
27	Lagoon 2 - concrete	Pig slurry		30m x 30m = 900m <sup>2</sup> 3.6m deep, 3,240m <sup>3</sup> capacity	Floating straw mat BAT	0.68	Pig Slurry
28	Fuel store	Diesel		2000 litre bunded fuel tank			

29	Remote Lagoon 3 – earth banked	Pig slurry		60m x 40m x 4m = 9,600m <sup>3</sup>	Floating straw mat BAT	0.68	Pig Slurry
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### Raw Materials inventory

Store Name	Material Type	Volume/Size	Comments
Bin 1	Feed	16t	Animal feed in pellets
Bin 2	Feed	16t	Animal feed in pellets
Bin 3	Feed	16t	Animal feed in pellets
Bin 4	Feed	16t	Animal feed in pellets
Bin 5	Feed	16t	Animal feed in pellets
Bin 6	Feed	16t	Animal feed in pellets
Bin 7	Feed	16t	Animal feed in pellets
Bin 8	Feed	16t	Animal feed in pellets
Bin 9	Feed	12t	Animal feed in pellets
Bin 10	Feed	12t	Animal feed in pellets
Bin 11	Feed	12t	Animal feed in pellets

Bin 12	Feed	12t	Animal feed in pellets
Bin 13	Feed	12t	Animal feed in pellets
Bin 14	Feed	12t	Animal feed in pellets
Bin 15	Feed	20t	Animal feed in pellets
Bin 16	Feed	15t	Animal feed in pellets
Bin 17	Feed	12t	Animal feed in pellets
Bin 18	Feed	16t	Animal feed in pellets
Bin 19	Feed	16t	Animal feed in pellets
Bin 20 Proposed	Feed	16t	Animal feed in pellets
Bin 21 Proposed	Feed	16t	Animal feed in pellets
Bin 22 Proposed	Feed	16t	Animal feed in pellets
Bin 23 Proposed	Feed	16t	Animal feed in pellets
Diesel tank	Diesel	2,000l	Fuel for agricultural use
Heating fuel	Heating oil	2,000l	Bunded fuel tank
Incinerator Gas Tank	LPG	2,000l	
Generator fuel tank	Diesel	200l	Bunded fuel tank
Detergent and Disinfectant Store	Bottles of detergent and disinfectant	200-500l in 25l bottles	Bunded store

## Total livestock numbers

Category	Current	Proposed 2025
Mating/gestating sows		1417
Farrowing sows		185
<b>Total sows</b>	<b>658</b>	<b>1602</b>
Breeding boars		40
Weaners (7-30kg)	3,100	3,040
Finishers (30kg to slaughter)	2,760	8,088
<b>Total Post Wean</b>	<b>5,860</b>	<b>11,168</b>
<b>Overall Total</b>		<b>12,770</b>