

Facility Inventories

1. Animals

Table B-1

Animal	No. of Animals	Avg. Size	Animal Units (LMFA)	Animal Units (per 1,000 lbs)
Gestation	5800	425	2320	2465
Farrowing	1008	450	403.2	453.6
Iso Gilts	1,280	150	512	192
Nursery	670	35	20.1	23.45
		Total Animal Units	3255	3134

2. Buildings

Livestock Facility Capacity(s)

Table B-2

Facility	Facility Population	Total Square Feet	Storage Facility
Gestation North	2900	55,517	Gestation Pits
Gestation South	2900	55,517	Gestation Pits
Farrowing & Nursery	1008 670	62,532	Gestation Pits
Gilt Developer	1280	19,116	Gilt Developer Pit

3. Seasonal High Water Table

- See Site Soils & Geologic Information Table (A-1)

4. Livestock Waste Production

Livestock Waste Storages

Table B-3

Storage	Animals	Waste Produced (gal/day/animal)	Capacity (gal)	Storage Days
Gestation Pits	7478	1.82	8,153,200	599
Gilt Developer Pit	1280	1.26	1,122,000	695

See calculations on following page for details.

5. Rainfall Volumes

As this facility utilizes deep pits, no rainfall/runoff will be allowed to enter the waste storage facilities.

6. Evaporation from storage facilities

As this facility utilizes deep pits, no evaporation is expected from the waste storage facilities.

Waste Volume Calculations

North Fork Pork

Per 1,000 lb Animal Unit

Type of animal	MWPS ft ³ /d Per Animal	MWPS ft ³ /d Per AU	MWPS gal/d Per Animal	MWPS gal/d Per AU	# of Animal Units	Total Waste Produced (ft ³ /day)	Total Waste Produced (gal/day)	Total Waste Produced (ft ³ /yr)	Total Waste Produced (gal/yr)
Nursery Pigs, 35#	0.04	1.14	0.3	8.6	23.45	26.733	201.67	9,758	73,610
Finishing Pigs, 150#	0.16	1.05	1.2	8.0	192	201.6	1536	73,584	560,640
Gestation Sows, 275#	0.15	0.545	1.1	4.0	2465	1343.425	9860	490,350	3,598,900
Farrowing Sows, 375#	0.36	0.96	2.7	7.2	453.6	435.456	3265.92	158,941	1,192,061
					3134.05			732,633	5,425,210
					Storage		Rain & Wash water (gal)	Total Waste (gal)	Gal/Animal/Day
					BG	washwater	104,000	4,968,570	1.82
					Iso	washwater	26,000	586,640	1.26
								5,555,210	