

**SITE OPERATIONS AND POLLUTION PREVENTION MEASURES**

**Table 1 – applicable to both Barn Farm and Poplar Farm unless specified otherwise**

1.Site Operations (storage and use)	2. Substance	3. Relevant activity	4. Possible failure mechanism and potential for pollution	5. History/records or evidence of leaks of potentially polluting substances to land associated with the activities that could result in ongoing emissions to land. Detail any incidents of pollution or spills from the relevant activity.	6. Do pollution prevention measures exist for relevant activity? Yes/No	7. Provide details of pollution prevention measures. To include primary (e.g. tanks or pipework), secondary (e.g. bund or hardstanding) and where present tertiary (e.g. oil-interceptor)	8. Testing and inspection of pollution prevention measures
Fuel	LPG	Main Storage	Failure of containment leading to spillage to land	No evidence/records of spills or leaks	YES	Bunded tanks at Barn Farm but not at Poplar Farm	Visually inspected on on-going basis and following any notified spill
Incinerator Fuel	Fuel Oil	Delivery by road to tanker installation	Spillage from road on installation roads entering road drainage and hence soakaways	None	YES	Delivery in secure vehicle	Tanker compliant to British Standard and Department of Transport Regulations
		Road tanker off-loading	Spillage from road tanker or delivery pipework to land	No evidence/records of spills or leaks	YES	Delivery in secure vehicle. Tankers park when filling tank on concrete hardstanding	Tanker compliant to British Standard and of Transport Regulations
		Fuel supply to incinerator	Failure of pipeline between the oil storage tank and incinerator leading to loss of fuel to land	None	YES	Impermeable hardstanding.	Hardstanding Routine inspection
		Incinerator	Leaks to ground	None	YES	Impermeable hardstanding. SVS approved incinerator.	Hardstanding Routine inspection
Feed	Nutrients: Phosphorus, Calcium, Nitrogen	Delivery and transfer of bulk feed to storage areas and storage areas	Spillage, split or failed pipework, dust, failure of bins	None	YES	Purpose built dedicated bins, sited on concrete hardstanding. Deliveries in suitable vehicles. Any spillage is swept up immediately. Sealed systems to minimise dust	Pipework and bins regularly inspected to assess condition. Visual inspection for spillages around bins
	Dust	Transfer of bulk feed from storage areas and distribution to houses	Broken augers	None	YES	Auger runs kept to a minimum, mostly within buildings	Regular inspection of facilities and equipment

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Pig Unit (Barn Farm): Manure	Nutrients: ammonia, nitrates, phosphates, heavy metals  Veterinary products	Transfer from pig houses to midden	Spillage, manure being carried out on wheels of loader.	None	YES	Fully trained operators. Manure spillage is swept up regularly. Waste water/effluent is directed to lagoons. Midden is adjacent to pig housing.	Regular inspection of facilities and equipment
		Storage midden in	Spillage/overflow from midden	None	YES	Fully trained operators. Manure is contained within the midden. Waste water/effluent is directed to lagoons.	Regular inspection of facilities and equipment
Broiler Unites (Barn Farm and Poplar Farm): Used Litter	Nutrients: ammonia, nitrates, phosphates, heavy metals  Veterinary products	Transfer from midden	Spillage or leakage from trailer Road accident.	None	YES	Purpose made equipment, regularly maintained. Fully trained operators	Regular inspection of procedures, facilities and equipment
		Litter transfer from buildings to lorries/trailers	Spillage, litter being carried out on wheels of loader. Creation of dust	None	YES	Fully trained operators. Litter spillage is swept up regularly. During rain, any drainage would go to dirty water tanks. Minimal tipping to limit dust emissions	Regular inspection of facilities and equipment
Disinfectants, Rodenticides and Veterinary Products	Disinfectant  Dust	Litter transport from site	Spillage or leakage from trailer Road accident.	None	YES	All loads are covered Purpose made equipment, regularly maintained. Fully trained operators	Regular inspection of procedures, facilities and equipment
		Delivery and transfer from vehicle to on-site storage	Spillage	None	YES	Transfer directly from delivery vehicle to dedicated store. Damaged or suspect packaging rejected at time of delivery	Deliveries monitored
		Storage	Spillage	None	YES	Purpose made containers on impermeable hardstanding and contained in bunding building. Liquids stored in drip trays	Regularly inspected to assess condition. Visual inspection for spillages
	Rat and Mouse Bait – Tomcat2 Weedkiller Glyphos	Use of rodenticides	Leaks Spillages	None	YES	Rodenticides are placed in covered, purpose made boxes designed to prevent spillages and run-off. Re-filling is done only by suitably trained staff	Regular inspection of facilities and equipment application records.

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	Vaccines IB4/91 – Intervet 228E Gunboro – Intervet IB Primex – Fort Dodge	Preparation of disinfectant solutions for foot dips, wheel washing and terminal cleaning	Leaks Spillages Overflows	None	YES	Dedicated preparation areas, where any spillage can be retained (for liquids) or swept up (powders). Staff preparing solutions have received appropriate training	Regular inspection of facilities and equipment Full application records
	Antibiotics Lincospectin Oxacillin	Use of disinfectant foot dips and wheel washes	Leaks Spillages Overflows	None	YES	Foot-dip containers are filled to only two-thirds capacity to reduce spillage during use. For outdoor foot-dips, this also prevents overflows during wet weather. Trays are placed beneath containers to catch spillage.	Regular inspection of facilities and equipment
		Disposal of used disinfectant from foot dips, wheel washes and terminal cleaning	Spillage Contamination of clean drains	None – handstanding in good condition	YES	Impermeable hardstanding with kerbs and falls to underground foul water tank of lagoons Used disinfectant is added to the dirty water stores and transported off-site. Dedicated storage area with impermeable hardstanding	Regular inspection of handstanding Staff trained Regular inspection of storage area
	Incrinerator ash	Incrinerator	Leakage Emissions from exhaust Spillage Wind blow	None None	YES YES	SVS approved Incrinerator sited on impermeable concrete hardstanding. Ash is transferred to covered container prior to removal from the site. SVS approved activity	Regular maintenance of incinerator Container regularly checked. Records kept. SVS approved activity – includes records inspections
	Nutrients: ammonia, nitrates, phosphates, heavy metals Disinfectant	Transfer from incinerator, and storage from storage area Drainage of rainwater from roofs and yards	Overflow to land and stream	Drainage to dyke	YES	Yard areas are kept clean or diverted to the underground tank or lagoons.	Regular inspection of area and yard condition

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Dirty water/wash waters	Nutrients: ammonia, nitrates, phosphates, heavy metals	Dirty water transfer from incinerator area to below ground tank	Leaks to ground	None. Concrete in good condition.	YES	Impermeable concrete hardstanding with drainage to underground storage tank (Poplar Farm) or lagoons (Barn Farm)	Regular inspection of hardstanding. Management checks adherence to agreed procedures.
		Dirty water transfer from buildings to underground tanks/lagoons during clean-out	Leaks to ground	None. Concrete in good condition. Underground tank not checked	YES	As above	As above
		As above	Diverter valves not set to direct water to storage areas Structural failure to tank or overflow	None	YES	Trained farm staff are responsible for management of diverter valve settings and for preventing overflow.	Regular inspections to ensure no blockages
		Underground Storage (Poplar Farm)	Leaks to ground	None	YES	Inspection of areas surrounding tank and vegetation	Inspection of areas surrounding tank and vegetation
Lagoon Storage (Barn Farm)					Inspection of lagoons and surrounding areas including vegetation	Inspection of lagoons and surrounding areas including vegetation	
		Transfer from storage to road tanker.	Spillage from pipes or tanker	None	YES	Tanker positioned so that any spillage would drain back into storage area	Regular inspection of facilities and equipment
		Transfer by road tanker for off-site disposal	Tanker failure Road Accident	None	YES	Fully trained operators. Purpose built equipment, regularly maintained. Impermeable hardstanding	Regular inspection of facilities, equipment and roadways for signs of spillage