

B2.1.2 Accident Management Plan

Farm Name: Illustrative Farm	Operator: Mr P Fffff
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SITE LOCATION DETAILS - ILLUSTRATIVE FARM

Unit phone no.	01#### #####
Mobile contact	07## #####
Grid Reference of Unit	EG9790 2349
Grid Reference of Access	EG 978 234

EMERGENCY CONTACT DETAILS

Emergency services:	999
Local police:	01xxx xxxxxx
Doctor:	01yyy yyyyyy
Environment Agency hotline:	0800 80 70 60 (24 hour emergency hotline)
Local office:	01### #####

	Office hours	Out of hours
Electricity supplier:		
Gas supplier:		
Local authority:		
Maintenance contractor:		
Oil supplier:		
Sewage undertaker:		
Veterinary Surgeon		
Spreading contractor:		
Water undertaker:		
Waste disposal contractor:		
Electrician:		
Plumber:		

COMPANY CONTACTS (Out of hours)

Operator:	Mr P Fffff 01#### #####
Unit Manager:	Mrs M Oooo 07### #####
Head Office contact:	Mr P Fffff – as above

	Date	Signature
Date of Plan:	30 March 2007	
Date of subsequent review:		

Accident Management Plan

This accident management plan contains the following information:

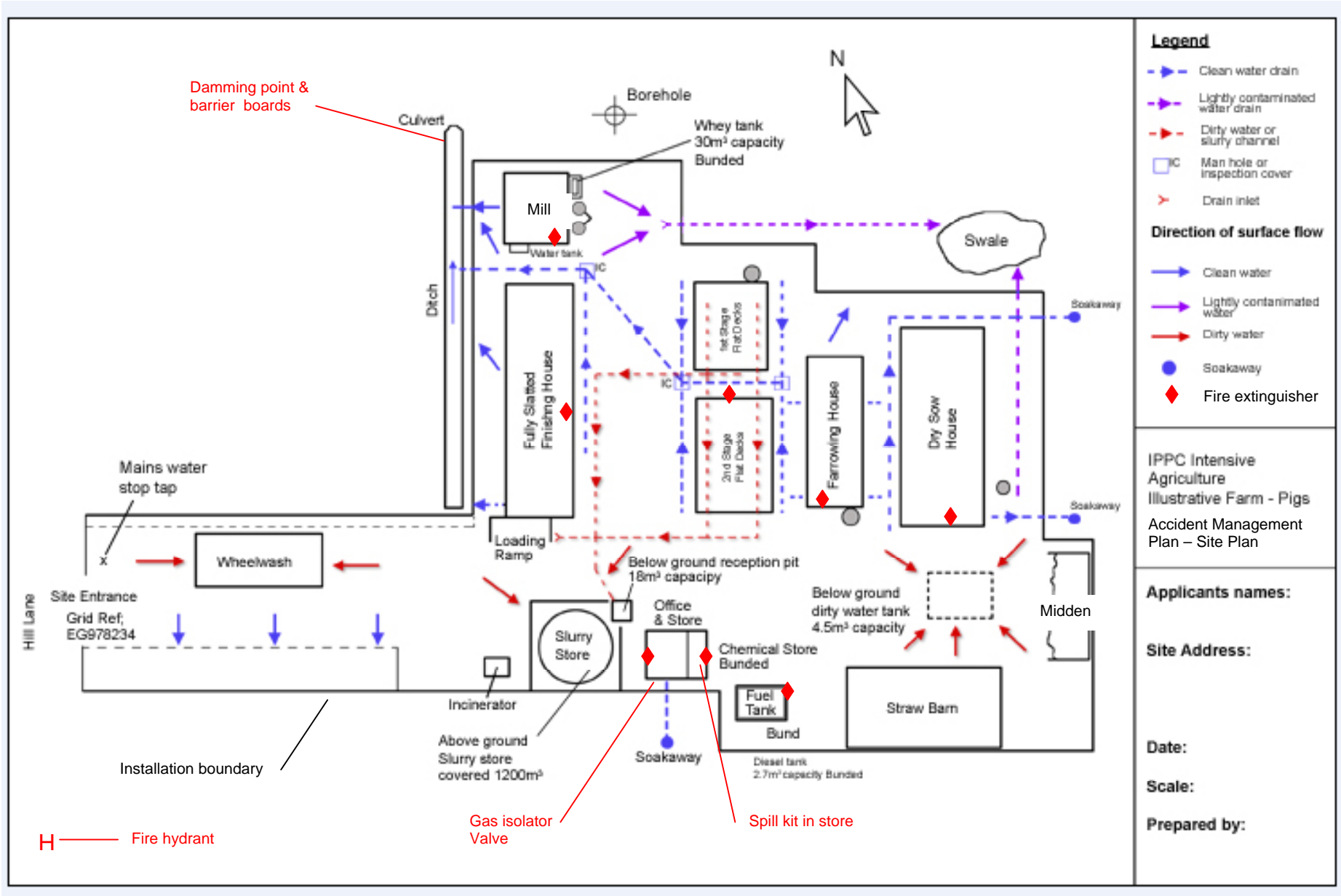
- Accident management site plan
- Inventory of tanks and stores
- Inventory of raw materials
- Emergency procedures:
 1. Immediate actions
 2. Secondary actions – depending on type of accident.

Accident Management Site Plan

The Accident Management Site Plan includes information of relevance for dealing with accidents that may pose a risk of environmental pollution and pin points the location of key equipment.

This includes;

- Site drainage details
- Mains water stop tap
- Fire hydrant
- Main electrical supply isolator
- Gas supply isolator(s)
- Diverter valves
- Inspection points for detecting pollution
- Location of fire extinguishers
- Ponds, tanks etc containing water for fire fighting
- Storage areas e.g. chemicals, fuel, bedding
- Drain inlets vulnerable to contamination
- Spill kits or emergency materials e.g. sand bags
- Vulnerable locations such as feed silos
- Damming points e.g. culverts, boom anchor points etc.
- Potentially sensitive areas of porous or unmade ground.
- Soakaways.



Inventory of Tanks and Stores

Note: if you already have such an inventory or can use your buildings inventory, then this may be supplied as an alternative to the example given below, provided it contains a similar level of detail. Include details for stores containing “wastes”.

Building / Facility	No. of tanks or stores	Size of tanks (m) <i>(Effective depth is stated excluding freeboard)</i>	Total storage capacity <i>(Excluding freeboard volume)</i>
Farrowing house 1	4	33.75 x 0.9 x 0.55	67 m ³
First stage weaner	8	5.6 x 2.05 x 0.65	60 m ³
Second stage weaner	8	6.5 x 3 x 0.6	93 m ³
Finishing house	2	61 x 1.2 x 0.75	110 m ³
Dirty water tank	1		22 m ³
Slurry store	1	22.9m dia. x 4.8	1852 m ³
Dry sow house feed store	1		14 T
Farrowing house feed store	1		14 T
1 st stage weaner feed store	1		8 T
Feed mill:			
Bin A, B, C	3		12 T
Bin D	1		5 T
Co-product 1, 2	2		25 m ³
Co-product 3 (whey tank)	1		18 m ³
Co-product 4	1		1 m ³
Milled bin 1, 2	2		3 T
Wet feed tank 1, 2	2		5 T
Empty bag & container store	1	3 x 3m	unknown
Red diesel fuel tank	1		2,700 litres
Paraffin tank (incinerator)	1		1,400 litres
Store room	1		
Bunded chemical store			
Biocides		5 & 25 litre or 1kg packs	100 litre (max) 5 kg (max)
Pesticides		1 & 5 litre or 1kg packs	25 litres (max) 5 kg (max)
Rodenticides		2.5 kg packs	10 kg (max)
Sharps box	1		
Empty container bins	4	0.9 x 0.9 x 1.2m	1.0m ³

Inventory of Raw Materials

A copy of the Table of raw materials, question B2.1.4, pages 7 and 8 of the application form is appended. *Attach copy and update as appropriate.*

Recording Incidents

All incidents that have caused or could result in environmental pollution are recorded immediately following the event on the Site Closure Plan.

Emergency Procedures

Note; *if you already have a document with emergency procedures listed, then this may be supplied as an alternative to the examples in the following tables provided. A similar level of detail is required.*

Important; Livestock welfare and prevention of environmental pollution must be given priority during any emergency event but with full regard to the health and safety of all persons.

Immediate Actions:

- Raise alarm where human safety is at risk.
- If necessary contact emergency services
- Extinguish all naked flames
- Obtain help from other members of staff nearby.
- In all cases wear and use appropriate Personal Protective Equipment.
- Do not enter tanks or confined spaces unless trained in correct procedures and not before all procedures have been satisfied.

Secondary Actions:

Follow appropriate procedures for type of accident as described in the following tables.

Accident Type	Anticipated Consequences	Action to be taken (listed in order of priority)
<p>1. Overflow or failure of;</p> <ul style="list-style-type: none"> • Below ground dirty water tank • Slurry tank beneath pig housing overflow or failure • Main slurry store/lagoon • Drains or slurry channels • Co-product storage tank • Liquid feed tank • Diesel oil tank • Incinerator fuel tank <p>Failure of dry or liquid feed system pipework or controls.</p> <p>Chemical spillage.</p> <p>Spillages during loading, unloading or internal transport operations.</p> <p>Spillages during slurry handling activity.</p> <p>Failure of slurry pumping systems resulting in tank overflow</p> <p>Failure of automatic liquid level control sensors and devices</p> <p>Rupture of gas pipe.</p> <p>Surface water flooding from adjacent land/nearby watercourse.</p> <p>Off-site pollutants at risk of entering site.</p> <p>Contaminated surface water from fire fighting or other emergency activity.</p>	<p>Potentially polluting liquids flow over yard to; clean drain inlet, ditch/stream/pond swale surrounding land.</p>	<ul style="list-style-type: none"> • If possible quickly stem source of liquid • Assess route of discharge and identify easiest method and location to prevent further discharge. Key points identified; <ul style="list-style-type: none"> ○ Ditch culvert north of mill/mix shed <ul style="list-style-type: none"> ▪ insert emergency barrier boards. ▪ block with sandbags kept by diesel tank ○ Drain inlets (positions shown on Accident Management Site Plan) <ul style="list-style-type: none"> ▪ cover top with sandbags kept by diesel tank ▪ insert drain bung (if safe to do so) ▪ close diverter valve ○ Runoff from edge of yard, stem flow <ul style="list-style-type: none"> ▪ use sand bags kept by diesel tank ▪ use loader to push soil into dam ▪ excavate sump to contain flow • Contact office or Duty Manager (note; this may be whilst any of the above is being carried out. • Consult Product Data Sheets (COSHH) if appropriate • If necessary, contact Environment Agency 0800 80 70 60 or on local office number. • If possible stop further additions to tank. • Use vacuum tanker or pump to clean up spillage and dispose of safely either by; <ul style="list-style-type: none"> ○ land spreading providing no further pollution risk, or ○ place in another appropriate storage vessel. • Reduce tank contents to a safe level. • Make temporary repairs if appropriate • Clean up yard/land/ditch/contaminated areas. • Dispose of contaminated materials safely • Assess cause and take action to prevent repeat. • Record incident, measures taken and to be taken.

Accident Type	Anticipated Consequences	Action to be taken (listed in order of priority)
<p>2. Power outage</p> <ul style="list-style-type: none"> • failure of slurry pumping systems resulting in tank overflow • failure of automatic liquid level control sensors and devices 	<p>Overflow of storage facilities</p>	<ul style="list-style-type: none"> • As above – see (1) • Start emergency generator/obtain and have qualified electrician install generator
<p>3. Fire</p> <ul style="list-style-type: none"> • livestock • fuels & oils • chemicals • bedding • feed • buildings – those with a large timber component at highest risk 	<p>Spreading between buildings and stores Toxic and polluting smoke Wind dispersion of pollutants Surface runoff from fire fighting water Surface runoff from failed tanks, stores or pipework Exploding gas and fuel canisters/containers Increased number of dead animals for disposal. Dust and fibres from sheet building materials (may contain asbestos).</p>	<ul style="list-style-type: none"> • Raise alarm on site. • Ensure all persons are evacuated from danger area. • If safe to do so, turn off electricity/fuel supplies . • Ensure all staff on farm are alerted. • Call fire brigade and other emergency services necessary. • Contact office or Duty Manager. • If necessary, contact Environment Agency 0800 80 70 60 or on local office number. • Post member of staff at end of farm road/gate to direct emergency services. • Liaise and follow instructions of emergency services making them aware of risks and hazards, provide copy of Accident Management Plan. • Consult Product Data Sheets (COSHH) if appropriate. • Do not enter or permit others to enter affected area unless it is safe to do so to evacuate persons/livestock. • Contact vet if livestock are affected. • Evacuate livestock from adjacent buildings and areas if safe to do so • Ensure fire fighting water and other liquids cannot cause pollution – follow steps as outlined above – see (1). • Once under control give priority to remaining livestock. • Make temporary repairs if appropriate. • Clean up any materials that may be a hazard to the environment – where materials identified as containing asbestos are present specialist services are to be employed. • Dispose of contaminated materials safely. • Assess cause and take action to prevent repeat. • Record incident, measures taken and to be taken.

Accident Type	Anticipated Consequences	Action to be taken (listed in order of priority)
<p>4. Notifiable or other serious disease outbreak</p>	<ul style="list-style-type: none"> • Increased numbers of dead animals to be disposed off • Additional volumes of biocides stored and in use of farm • Additional volumes of dirty water to be handled and disposed of. • Dirty water generated from 'clean' areas • Additional volumes of waste materials and equipment to be disposed of. 	<ul style="list-style-type: none"> • Agree carcass disposal policy with Animal Health (formerly SVS) and EA • Agree procedures with Animal Health and EA before commencing Cleaning and Disinfection procedures. Ensure a brief written note of this agreement is made and signed by the parties involved.
<p>5. Severe weather</p> <ul style="list-style-type: none"> • flooding • wind damage 	<ul style="list-style-type: none"> • Overflow of storage facilities • Power outage • Fire 	<ul style="list-style-type: none"> • As above – see (1) • Start emergency generator/obtain and have qualified electrician install generator • As above – see (2) • As above – see (3)