

## B2.1.2 Accident management plan - LAYERS

<b>Farm Name:</b> ABC Poultry Farm	<b>Applicant:</b> Mr J Smith
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### SITE LOCATION DETAILS - ILLUSTRATIVE FARM

<b>Unit phone no.</b>	01999 123456
<b>Mobile contact</b>	07777 123456
<b>Grid Reference of Unit</b>	EG9480 2340
<b>Grid Reference of Access</b>	EG9471 2310

### **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:		
Specialist advice:		
Spreading contractor:		
Water undertaker:		
Waste disposal contractor:		

### **COMPANY CONTACTS (Out of hours)**

Operator:	Mr J Smith 01999 123456
Unit Manager:	as above
Head Office Contact:	as above

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

## **Accident Management Site Plan**

This accident management plan contains the following information:

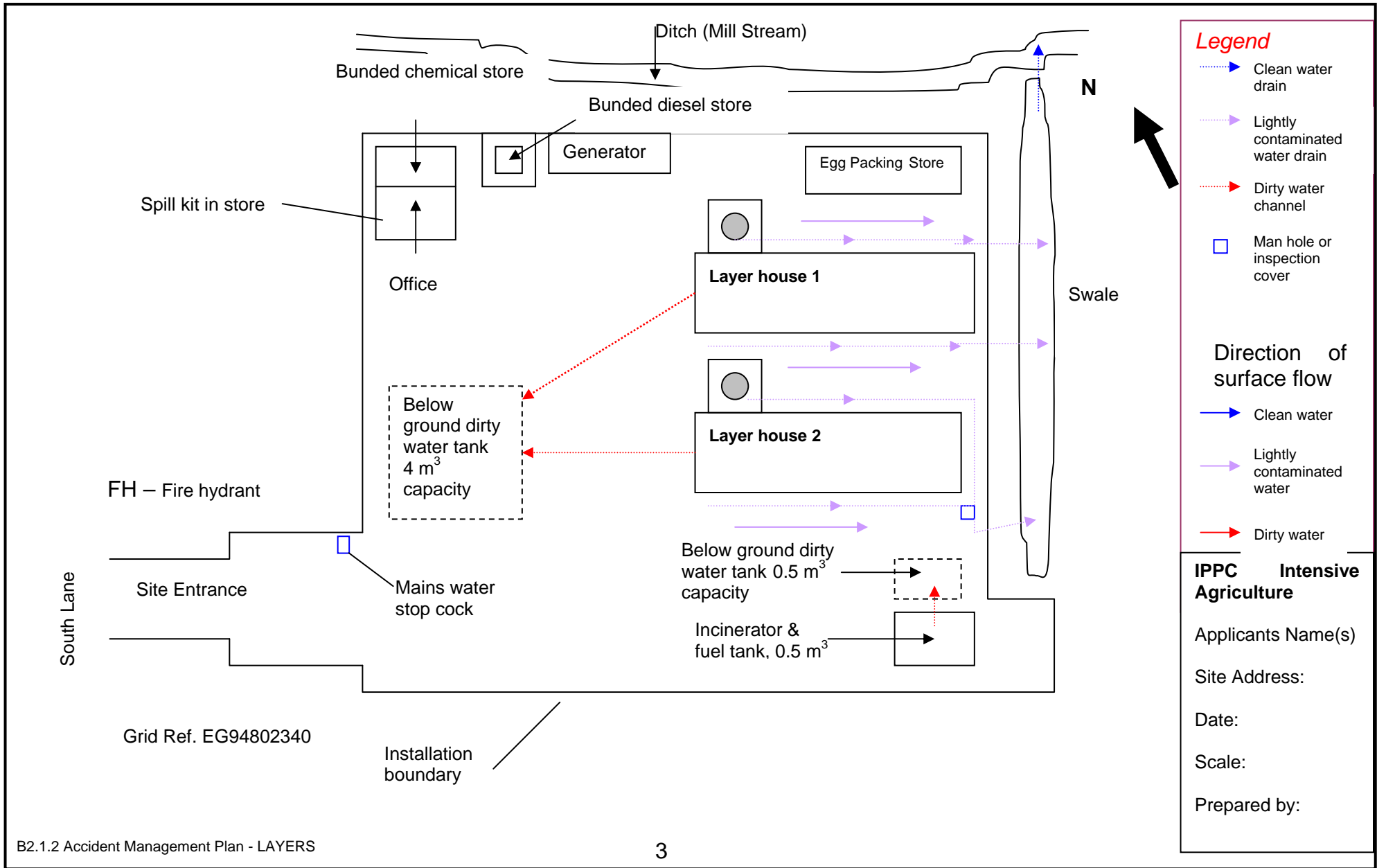
- Accident management site plan
- Inventory of tanks and stores
- Inventory of raw materials
- Emergency procedures:
  1. Immediate actions
  2. Secondary actions – depending on type of accident.

## **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 identifies the location of key equipment.

This includes;

- Site drainage details
- Mains water stop tap
- Fire hydrant
- Main electrical supply isolator
- Diverter valves
- Inspection points for detecting pollution
- Streams, 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, Stores and their contents.

**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)	Total storage capacity
Layer house 1	Manure pit	70 x 15 x 2.5	2625 m <sup>3</sup>
Layer house 2	Manure pit	70 x 15 x 2.5	2625 m <sup>3</sup>
Main dirty water tank	1	3 x 3 x 0.5	4.5 m <sup>3</sup>
Incinerator dirty water tank	1	1 x 1 x 0.5	0.5 m <sup>3</sup>
Feed bins	2		56 tonnes
Diesel tank	1	1 x 1 x 1	1000 l
Incinerator fuel tank	1	1 x 1 x 0.5	500 l
Store room Bunded chemical store		Metal cabinet	250 litres
Biocides		5 & 25 litre or 1kg packs	100 litre (max) 5kg (max)
Pesticides		1 & 5litre or 1kg packs	25 litres (max) 5kg (max)
Rodenticides		2.5kg packs	10kg (max)
Empty container bins	2	200 litre	

## **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 example given below provided it contains a similar level of detail.

**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"> <li>• Below ground dirty water tank</li> <li>• Manure pits/manure conveyors</li> <li>• Drains</li> <li>• Feed bins</li> <li>• Diesel oil tank</li> <li>• Incinerator fuel tank</li> </ul> <p>Failure of feed system conveyors or controls.</p> <p>Chemical spillage.</p> <p>Spillages during loading, unloading or internal transport operations.</p> <p>Spillages during manure handling activity.</p> <p>Surface water flooding from adjacent land/nearby watercourse.</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"> <li>• If necessary contact emergency services</li> <li>• If safe to do so and possible quickly stem source of liquid</li> <li>• Obtain help from other members of staff nearby</li> <li>• Assess route of discharge and identify easiest method and location to prevent further discharge. Key points identified;               <ul style="list-style-type: none"> <li>○ Ditch culvert north of sheds                   <ul style="list-style-type: none"> <li>▪ insert emergency barrier boards.</li> <li>▪ block with sandbags kept by diesel tank</li> </ul> </li> <li>○ Drain inlets                   <ul style="list-style-type: none"> <li>▪ cover top with sandbags kept by diesel tank</li> <li>▪ insert drain bung (if safe to do so)</li> <li>▪ close diverter valve</li> </ul> </li> <li>○ Runoff from edge of yard, stem flow                   <ul style="list-style-type: none"> <li>▪ use sand bags kept by diesel tank</li> <li>▪ use loader to push soil into dam</li> <li>▪ excavate sump to contain flow</li> </ul> </li> </ul> </li> <li>• Contact office or Duty Manager (note; this may be whilst any of the above is being carried out.</li> <li>• Consult Product Data Sheets (COSHH) if appropriate</li> <li>• If necessary, contact Environment Agency 0800 80 70 60 or on local office number.</li> <li>• If possible stop further additions to tank.</li> <li>• Use vacuum tanker or pump to clean up spillage and dispose of safely either by;               <ul style="list-style-type: none"> <li>○ land spreading providing no further pollution risk, or</li> <li>○ place in another appropriate storage vessel.</li> </ul> </li> <li>• Reduce tank contents to a safe level.</li> <li>• Make temporary repairs if appropriate</li> <li>• Clean up yard/land/ditch/contaminated areas.</li> <li>• Dispose of contaminated materials safely</li> <li>• Assess cause and take action to prevent repeat.</li> <li>• Record incident, measures taken and still to be taken.</li> </ul>

Accident Type	Anticipated Consequences	Action to be taken (listed in order of priority)
<p><b>2.</b> Power outage</p> <ul style="list-style-type: none"> <li>• Failure of ventilation and manure drying systems.</li> </ul>	<p>Increased ammonia production.</p>	<ul style="list-style-type: none"> <li>• Start emergency generator.</li> </ul>
<p><b>3.</b> Fire</p> <ul style="list-style-type: none"> <li>• birds</li> <li>• fuels &amp; oils</li> <li>• chemicals</li> <li>• bedding</li> <li>• feed</li> <li>• buildings – those with a large timber component at highest risk.</li> </ul>	<p>Spreading between buildings and stores. Toxic and polluting smoke. Wind dispersion of pollutants. Surface run-off from fire fighting water. Surface run-off from failed tanks, stores or pipework. Exploding gas and fuel canisters/containers. Increased number of dead birds for disposal.</p>	<ul style="list-style-type: none"> <li>• Raise alarm on site.</li> <li>• Ensure all persons are evacuated from danger area.</li> <li>• If safe to do so, turn off electricity/fuel supplies.</li> <li>• Ensure all staff on farm are alerted.</li> <li>• Call fire brigade and other emergency services necessary.</li> <li>• Contact office or Duty Manager.</li> <li>• Post member of staff at end of farm road/gate to direct emergency services.</li> <li>• Liaise and follow instructions of emergency services making them aware of risks and hazards, provide copy of Accident Management Plan.</li> <li>• Do not enter or permit others to enter affected area unless it is safe to do so to evacuate persons/livestock.</li> <li>• Contact vet if livestock are affected.</li> <li>• Evacuate livestock from adjacent buildings and areas if safe to do so</li> <li>• Ensure fire fighting water and other liquids cannot cause pollution – follow steps as outlined above – see (1).</li> <li>• Once under control give priority to remaining livestock.</li> <li>• Make temporary repairs if appropriate.</li> <li>• Clean up any materials that may be a hazard to the environment – where materials identified as containing asbestos are present specialist services must be employed.</li> <li>• Dispose of contaminated materials safely.</li> <li>• Assess cause and take action to prevent repeat.</li> <li>• Record incident, measures taken and still to be taken.</li> </ul>

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