Prepared 9-1-17

Accident / Pollution Incident Management Plan

Accident / Pollution Incident Management Plan Contents

A – Site Plan

Insert site plan showing location of the following items:

- **Site entrances and exits** available to the emergency services
- **Buildings**; the buildings and other main constructions
- **Drainage**; including
  - foul drainage (marked in red),
  - surface water drainage (marked in blue)

showing

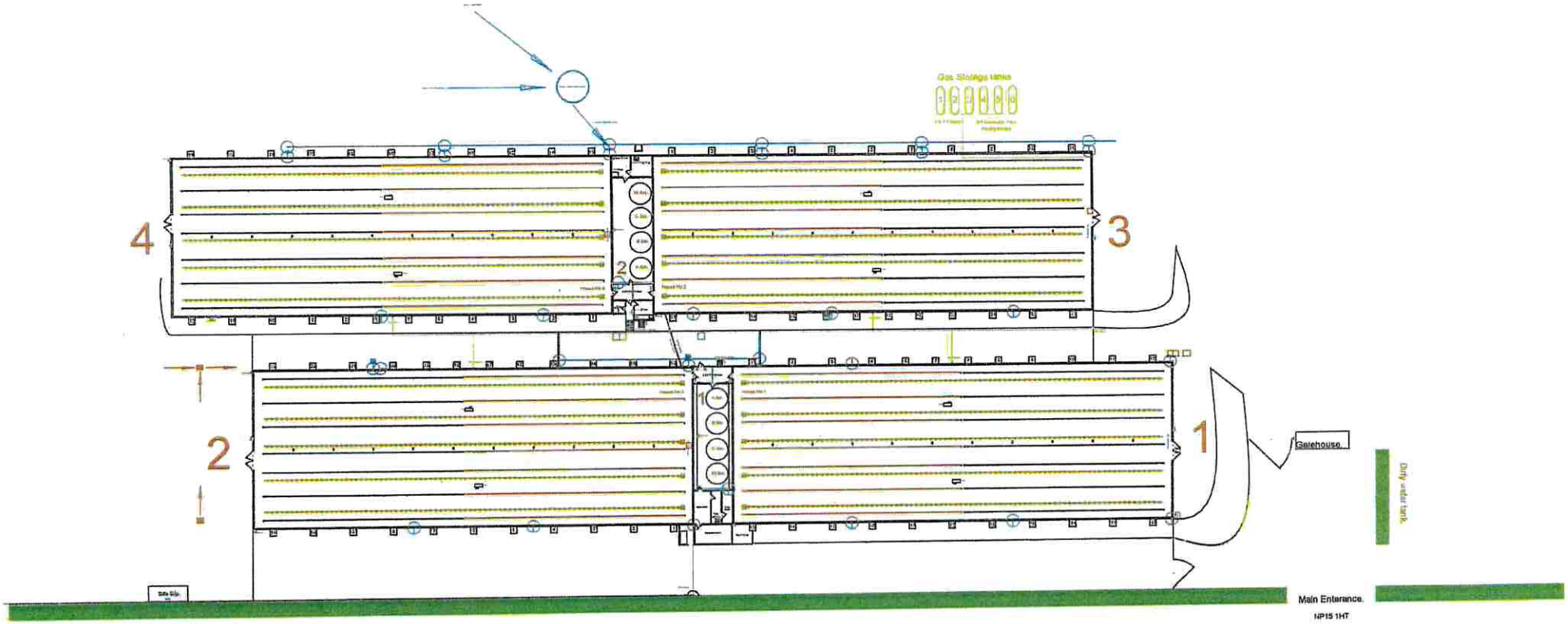
  - the direction of flow and
  - the discharge points to the sewer, watercourse or soakaway.
  - The location of manhole covers and drains,
  - The location of stop and diverter valves and interceptors
- **Service mains**; the routes of
  - water supply, gas, electricity.
  - mains water stop tap, and gas and electrical supply isolating valves / switch.
- **Storage of hazardous materials**; Fuel tanks, chemical stores, raw materials, waste materials etc.
- **Process lines**; location and direction of main process lines/pipes.
- **Accident and emergency response items**; such as fire extinguishers, spill kits, alarms, first aid kit etc.
- **Vulnerable receptors;** on site or adjacent receptors that could be affected by the site operations, such as porous / unmade ground, watercourses, boreholes, ecologically sensitive sites, residential properties, offices, etc.
- **Pollution control points**; such as inspection or monitoring points, bunds.
- **Treatment**; location of any on site trade effluent or sewage effluent treatment plant.

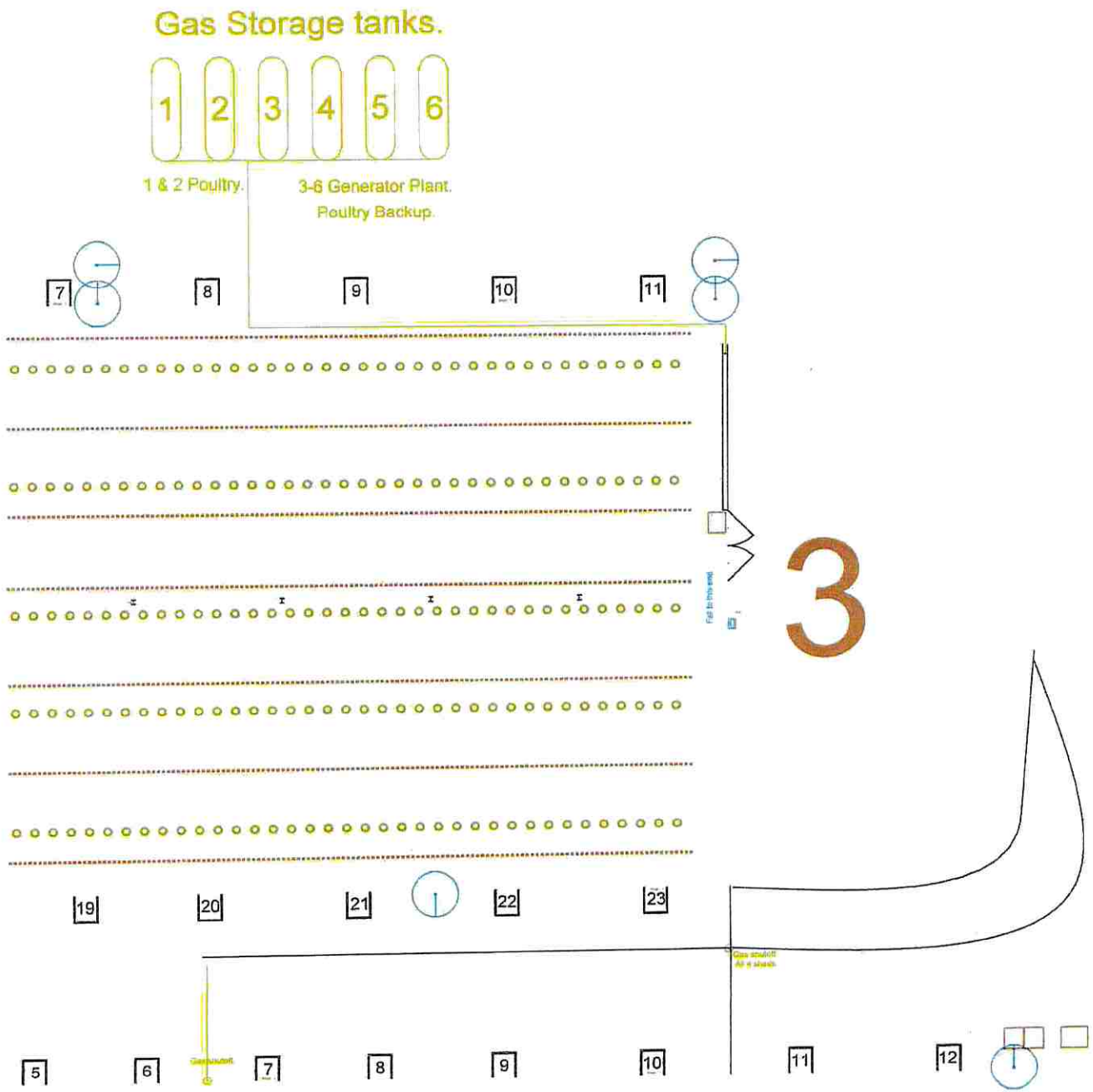
B – Key Site and Emergency Contacts

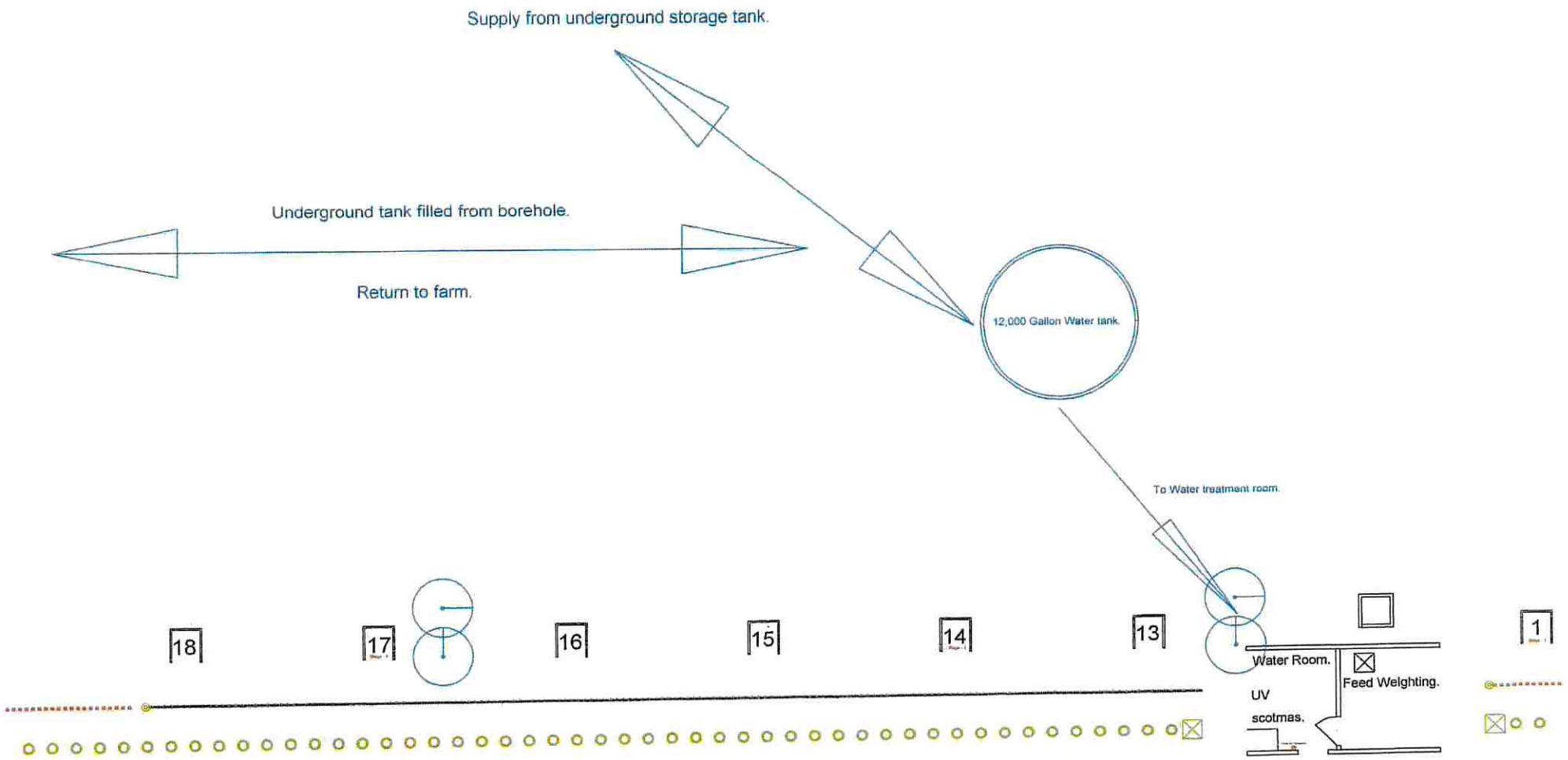
This table contains information and contacts you may need in an emergency

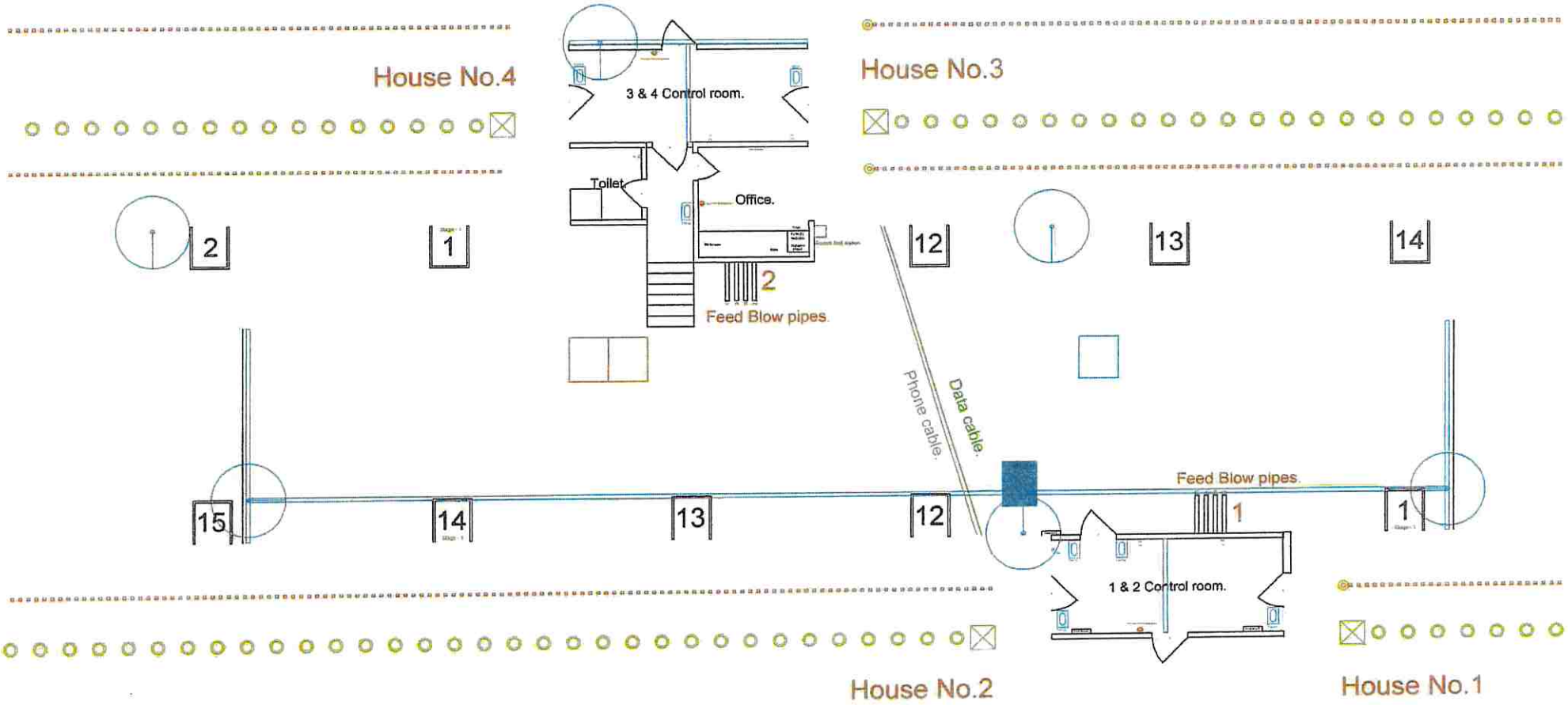
C - List of Substances and Storage Facilities

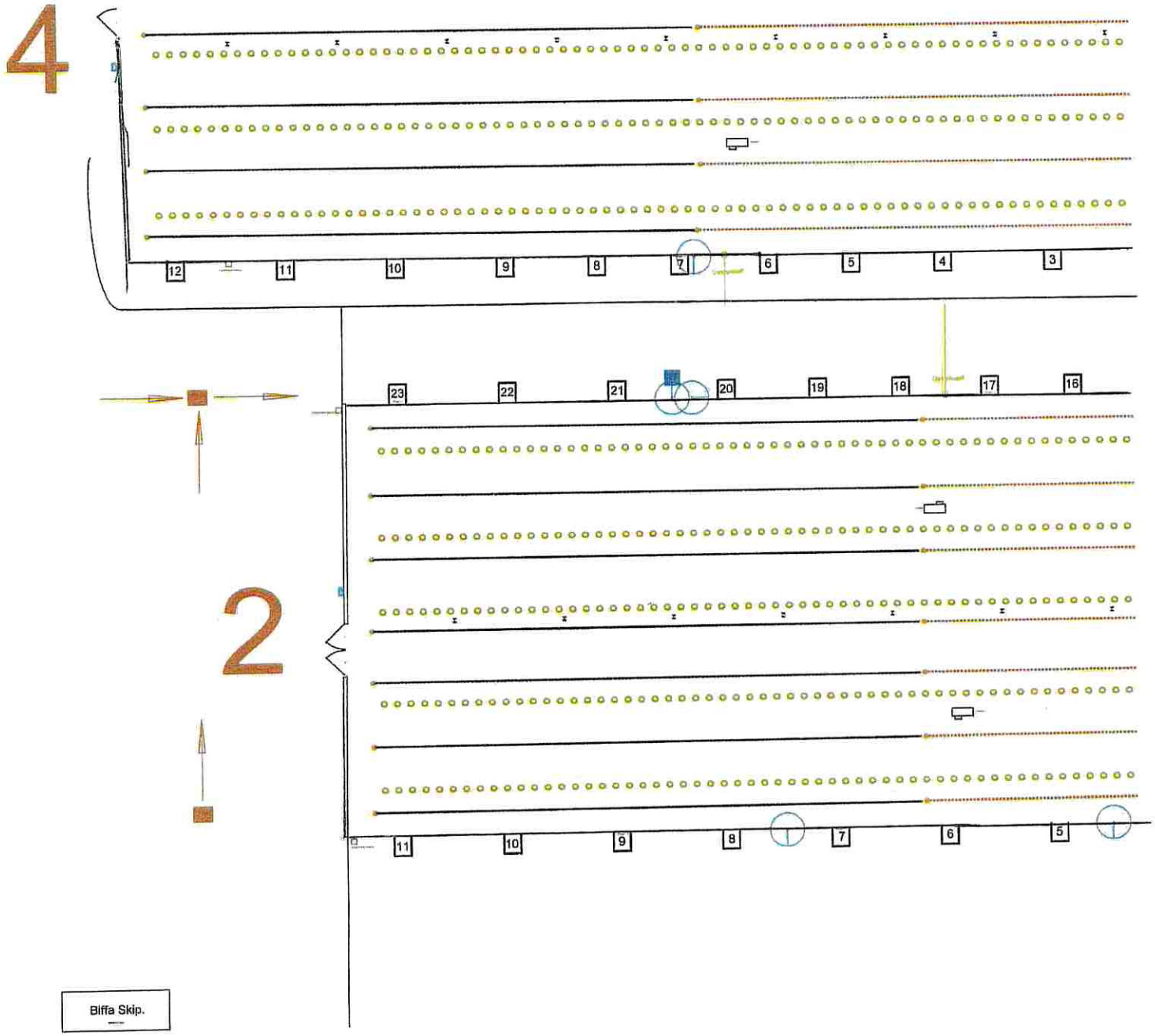
D - Preventing Accidents / Incidents ..... and what to do if they happen


Gas Storage tanks
4
3
2
2
1
Gatehouse
Dirty water tank
Main Entrance.
NP15 1HT


Gas Storage tanks.
1
2
3
4
5
6
1 & 2 Poultry.
3-6 Generator Plant.
Poultry Backup.
7
8
9
10
11
3
19
20
21
22
23
5
6
7
8
9
10
11
12


Supply from underground storage tank.
Underground tank filled from borehole.
Return to farm.
12,000 Gallon Water tank.
To Water treatment room.
18
17
16
15
14
13
1
Water Room.
Feed Welghting.
UV
scotmas.


House No.4
House No.3
3 & 4 Control room.
Toilet
Office.
2
Feed Blow pipes.
2
1
12
13
14
Phone cable.
Data cable.
Feed Blow pipes.
15
14
13
12
1
1
1 & 2 Control room.
House No.2
House No.1


4
12
11
10
9
8
7
6
5
4
3
23
22
21
20
19
18
17
16
2
11
10
9
8
7
6
5
Biffa Skip.

B – Key Site and Emergency Contacts

This table contains information and contacts you may need in an emergency

SITE DETAILS			
Location: Trostrey Court Poultry Unit, Usk, Monmouthshire.			
Postcode: NP15 1HT.			
Site Access Grid Reference: 51.732059,-2.918104			
SITE CONTACTS	Name	Office Hours (specify)	Out of hours
Owner:	David Morgan	07976 240 288	07976 240 288
General Manager:	Matthew Simpson	07816 656 182	01874 730 510
Site Manager:	Robert Bicknell	07966 833 782	07966 833 782
Site Supervisor:			
Security Contact:			
Landowner:	David Morgan	07976 240 288	07976 240 288
EMERGENCY SERVICES		Office Hours	Out of hours
Emergency		999	999
Medical:		01291 672 633	0845 600 1231
Police:		01633 838 111	
Fire:		01443 232 000	
REGULATORS		Office Hours	Out of hours
Health and Safety Executive (HSE)		0300 003 1747	0151 922 9235
Local Authority:		01633 644 644	
Environment Agency (Local)		03708 506 506	
EA (24 hour emergency hotline)		0800 80 70 60	
Natural England (for Wales, Countryside Council for Wales)		0845 600 3078	
UTILITY / KEY SERVICES	Name	Office Hours	Out of hours
Water undertaker:	Welsh water.	0800 052 0130	0800 052 0130
Sewerage undertaker:	Welsh water.	0800 085 3968	0800 085 3968
Gas supplier:	Flo Gas	0800 574 574	08457 200 100
Electricity supplier:			
Oil supplier:			
Fuel supplier:	Owen fuels.	02920 497 888	
Chemical supplier:	Sun Valley Stores.	01981 500 965	
Oil spill contractor:	Ideal Group	0808 1493 306	
Maintenance contractor:	Tim Hill	07977 151 114	01873 881 032
Electrician:	A&C Electrical.	07875 312 899	
Plumber:	Neil Welford.	07894 469 434	07966 467 365
Locksmith:	City locksmiths.	01633 560 185	07887 915 939
Joiner:	Phil Rusby.	07972 782 316	
OTHER KEY CONTACTS	Name	Office Hours	Out of hours
Head Office:	Morgans of Usk.	01291 672 253	
Adjacent landowners:			
Neighbours:			
Specialist advisors:			

C - List of Substances and Storage Facilities

The following is a list of liquids, powders etc that are stored on site and could be harmful to the environment if they escape.

Use as many of these forms as required

Material	Maximum Quantity	Type and size of storage	Type and size of Secondary Containment
eg Raw material A	*20,000 litres*	*Above ground 21,000 litre single skin steel tank*	*Rendered brick bund with 25,000 litre capacity*
Diesel oil.	1150 Litres	Above ground 1150 litre plastic bunded tank. BT 1150	1150 Litres.
Formalin.	480 Litres.	Above ground, 20 litre capacity drums, Single skin.	EU certified Drop tested to 1M, Nearby drains go to dirty water tank.
Wash out water.	30,000 Litres.	Underground tank.	
Hyperox.	20 Litres.	5 Litre tubs.	EU certified.
Virkon.	50 Kgs.	10 Kg of Powder.	Nil.
Viroshield.	20 Litres.		EU certified.
Kilco Quat.	40 Litres.		EU certified.
HPPA.	40 Litres.		EU certified.
Multi Vits.	20 Litres.	5 Litre drums.	Nil.
Vit D3.	60 Litres.	5 Litre drums.	Nil.
Anthium Dioxide.	250 Litres.	25 Litre drums.	Nil.
P20 Activaror.	250 Litres.	25 Litre drums.	Nil.
Kilco Extra.	140 Litres.	5 Litre drums.	EU certified.

D - Preventing Accidents / Incidents ..... and what to do if they happen

The following table is a list of the things that could go wrong and harm the environment. The list covers many of the things that could go wrong for a site such as yours but you should look and see if you can see anything else specific to your site that could cause a problem. If you can then add it to the list.

The table describes what you should be doing to reduce the chances of each possibility happening. It also describes what should be done if the worst actually happens.

C - List of Substances and Storage Facilities

The following is a list of liquids, powders etc that are stored on site and could be harmful to the environment if they escape.

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Formalin.	480 Litres.	Above ground, 20 litre capacity drums, Single skin.	Nil, Nearby drains go to dirty water tank.
Wash out water.	30,000 Litres.	Underground tank.	
Hyperox.	20 Litres.	5 Litre tubs.	
Virkon.	50 Kgs.	10 Kg of Powder.	Nil.
Viroshield.	20 Litres.		
Kilco Quat.	40 Litres.		
HPPA.	40 Litres.		
Multi Vits.	20 Litres.	5 Litre drums.	Nil.
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Possible Accident / Incident	What would the harm be?	How do we reduce the chances of it happening?	What to do if it happens
Spillages			
Spillage during transfer, loading or offloading of chemicals and / or other materials.	Contamination of land, drains, groundwater and watercourses.	Ensure all hazardous liquids are segregated and contained during offloading / loading. Use impervious surface. Supervise activities. Train the staff	Follow the spill response procedure. It describes what to do in the event of a spill and where the kit is kept.
Spillage during delivery of oil or fuel.		Supervise fuel deliveries. Use drip trays and spill materials.	
Spillages during refuelling of plant and equipment.		Plant and equipment will be refuelled in designated areas with impervious surface and will use drip trays and spill materials.	
Slow seepage of liquids from drums. Slow seepage can be less noticeable than 'spills'.		Store on impervious surfaces that are drained to an interceptor or reclamation pit	
(Others: Please specify)			
Overfilling			
Overfilling of oil / fuel and other liquid materials tanks during delivery.	Contamination of land, drains, groundwater and watercourses.	Stock level control checks, supervised delivery and high level alarms.	Spill response procedure as described above.
(Others: Please specify)			
Failure of Plant or Equipment			
Leakages; due to faulty pipe work, valves, over-pressure, blockages, corrosion, severe weather, ground movement etc.		Daily visual inspection and completion of weekly inspection checklist record. Preventative maintenance regime.	

Possible Accident / Incident	What would the harm be?	How do we reduce the chances of it happening?	What to do if it happens
	Contamination of land, drains, groundwater and watercourses..	Any underground pipes and tanks will be tested for integrity. Insulation and protection of pipe work.	Spill response procedure as described above.
Puncture; of vessels and tanks etc due to impact – such as fork lift trucks.		Tanks and vessels generally located within / on secondary containment facilities. Storage locations of drums and non-permanent vessels protected by use of barriers or fencing. Movement of drums and containers using safe techniques.	
(Others: Please specify)			
Fire			
Fire	Smoke and pollution, Firewater causes contamination of land, groundwater and watercourses.	Separation of incompatible materials and of combustible materials and ignition sources. Incorporation of fire breaks into site layout and containment of fire water. No smoking policy. Maintain tidy site and minimize stockpile of combustible materials. Fire training and emergency drills.	Fire procedure describing what to do in the event of a fire, including details about fire alarms, exit routes and muster points, responsible personnel such as a fire warden and the location and use of emergency fire equipment such as extinguishers, hoses, sand bags and drain covers.
Cross contamination			
Due to transfer and mixing of incompatible materials, drainage cross connections etc.	Explosion, smoke and pollution of air, Contamination of land, drains, groundwater and watercourses.	Maintenance of up to date drainage plan. Maintenance of inventory of substances with material property details. Procedure for contractors to work on site including induction training and permit to work. Fail-safe filling systems.	Fire procedure as described above.

Possible Accident / Incident	What would the harm be?	How do we reduce the chances of it happening?	What to do if it happens
(Others: Please specify)			
Flood			
Due to ingress of watercourse floodwater, blocked drains, burst water main, use of fire water.	Contamination of raw materials, buildings, land, drainage system, groundwater and watercourses with fire and flood water.	Maintenance of drains. Fitting of flap / non return valves on drains. Safe location for storage of hazardous materials.	Flood procedure describing what to do in the event of a flood warning such as installation of barge boards, use of sand bags, movement or protection of sensitive materials.
(Others: Please specify)			
Failure of Services			
Due to failure of supply; water, electricity, gas supply and of sewerage system. Due to utility supply being struck and broken / cut.	Flooding, explosion with subsequent contamination of land, drains, groundwater and watercourses.	Provision of standby facilities. Maintenance of up to date plans showing location of utility services. Procedure for contractors to work on site including induction training and permit to work.	Utility supply failure procedure describing what to in the event of services supply failure such as manual shut down of process valves, start up of emergency generator, use of standby materials etc. Flood and fire procedure as described above.
(Others: Please specify)			
Failure of Containment			
Failure of containment facilities due to land movement, impact, corrosion etc.	Contamination of land, drains, groundwater and watercourses.	Provision of secondary containment for hazardous liquids. Inspection of primary and secondary containment facilities. Integrity testing of tanks	Spill response procedure as described above.

Possible Accident / Incident	What would the harm be?	How do we reduce the chances of it happening?	What to do if it happens
		and bunds & pressure loss alarms.	
(Others: Please specify)			
Vandalism			
Unauthorised entry and tampering or malicious damage to property, plant and equipment.	Contamination of land, drains, groundwater and watercourses.	Secure gate and perimeter fence. Site locked when un-manned, tanks and valves locked when not in use out of hours. Plant and equipment locked in secure storage out of hours. Security system installed including camera and recording facilities.	Spill response procedure as described above.
(Others: Please specify)			

3. Maintenance Checklist

(General Sector Site) ***Use as many forms as required (the examples may or may not be applicable for your site – amend as appropriate)***

Item requiring maintenance	How often? (tick the appropriate box)						Where are maintenance instructions?	Who is responsible ?
	Day	Week	Month	Year	2 years	5 years		
Check the oil interceptor		✓					e.g. Site control room	Farm Manager.
Check drains and drainage channels for blockages.		✓						
Clean up spills on surfaced areas or tank bunds	✓							
Check state of fences and gates – (to avoid vandals or children getting in and, for example, letting liquids out of a tank).		✓						
Visually check the un-surfaced areas to ensure that there are no spills. Clean up if necessary.		✓						
Check bunds are not filling with rainwater – pump out if necessary (via the oil interceptor).		✓						
Inspect the bunds for potential leaks, cracks, holes etc.				✓				
Maintain Heaters, 2 in each shed.				✓				
Add appropriate items for your site								
Check Scotmas pump & stock chemicals.	✓							
Drinker lines, Height and water flow/level.	✓							
Feed lines, all five lines running in each shed.	✓							
House temperature correct for age of birds.	✓							
Fans all working efficiently.			✓					
Current stage fans all working.	✓							
Ridge vents opening correctly & evenly.	✓							