



Rhayader Depot Accident Management Plan

Title:	Rhayader Depot Accident Management Plan		
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Approved by:	Environmental Manager	Date:	23/01/14

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1. Introduction

1.1.1 This Accident Management Plan is based on:

- (i) a risk assessment; carried out to identify potential hazards arising from the Waste Transfer Station (WTS) and any possible pathways and receptors
- (ii) mitigation measures; designed to minimise risk, and consequences of, an accident
- (iii) the core procedure for the prevention and management of accidents, which forms part of the operator's Environmental Management System.

1.1.2 Table 1 lists the potential hazards that have been considered at the WTS and identifies the possible pathways and receptors.

Accident/incident Plan – pollution risk

Possible Accident/ Incident	What would the environmental harm be?	How do we reduce the chances of it happening?	What to do if it happens
Spillages			
Spillage during transfer and sorting, wastes	Contamination of land, drains, groundwater and watercourses.	Inspect and validate all in-coming wastes. Train staff	Follow the spill response procedure described in the pollution incident response plan. It describes what to do in the event of a spill and where the spill 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 imported contaminated materials. Slow seepage can be less noticeable than 'spills'.		In coming materials that are contaminated (for example by waste oil) will only be stored on impervious surfaces that are drained to an oil interceptor, as given in the site management plan.	
Overfilling			
Overfilling of oil / fuel 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.
Failure of Plant or Equipment			
Leakages; due to faulty pipe work, valves, over pressure, blockages, corrosion, severe weather, ground movement and so on.	Contamination of land, drains, groundwater and watercourses	Daily visual inspection and completion of site diary. Preventative maintenance regime. 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.	Contamination of land, drains, groundwater and watercourses	Tanks and vessels generally located within / on secondary containment facilities. Storage locations of drums and non-	Spill response procedure as described above.

Possible Accident/ Incident	What would the environmental harm be?	How do we reduce the chances of it happening?	What to do if it happens
		permanent vessels protected by use of barriers or fencing. Movement of drums and containers using safe techniques.	
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, is given in the fire and emergency Corporate working arrangements on the staff intranet.
Cross Contamination			
Due to transfer and mixing of incompatible materials, drainage cross connections and so on	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 procedures as described above.
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 is given in fire and emergency Corporate working arrangements on staff intranet.

Possible Accident/ Incident	What would the environmental harm be?	How do we reduce the chances of it happening?	What to do if it happens
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 utilities services. Procedure for contractors to work on site including induction training and permit to work.	Utility supply failure procedure describing what to do in the event of services supply failure is given in the Corporate Business Continuity Plan on page 2127 of the staff intranet.
Failure of Containment			
Failure of containment facilities due to land movement, impact, corrosion and so on.	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 and bunds & pressure loss alarms.	Spill response procedure as described above.
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.

POLLUTION INCIDENT RESPONSE PLAN

FOR:

Rhayader Depot
Old Station Yard
Rhayader
Powys
LD6 5AW

Site Activities:

Refuse Depot

Date of Plan:

June 2013

Review date:

June 2014

Version no:

2

Approved by:

Bryan Davies

Date:

NRW
Fire Authority
Police
Sewer Provider
Water supplier
Other

Copies to:

✓

Date sent:
19/06/13

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2. EMERGENCY CONTACT DETAILS

Emergency Services:

999 or 112

Local Police:

0845 33020000

Local hospital/NHS Trust:

01597 822951

Environment Hotline:

0800 807060

Environment regulator (Local Office):

02920 582758

Office Hours

Out of Hours

Water/Sewer provider:

0800 0520140

0800 0520140

Gas supplier:

None supplied

Electricity supplier:

0800 0520400 (Western Power)

PCC emergency planning:

01597 825275

01597 825275

Waste Management contractor:

JPR Recycling	01597 851844
Lovett Bros (scrap metal contractor)	01686 630600
Metro-rod (Interceptor)	01495 305578
OSS Group	0870 2401055
SafetyKleen	020 84909084

Specialist advice:

Specialist clean-up

Border Environmental	01244 530380
Adler and Allen	0800 592827
Briggs Environmental Services	0800 374348
Braemar Howells	08700 73776673 (24 hrs)

KEY CONTACTS: (out of hours)

Duty officer:

Careline 0845 0544847

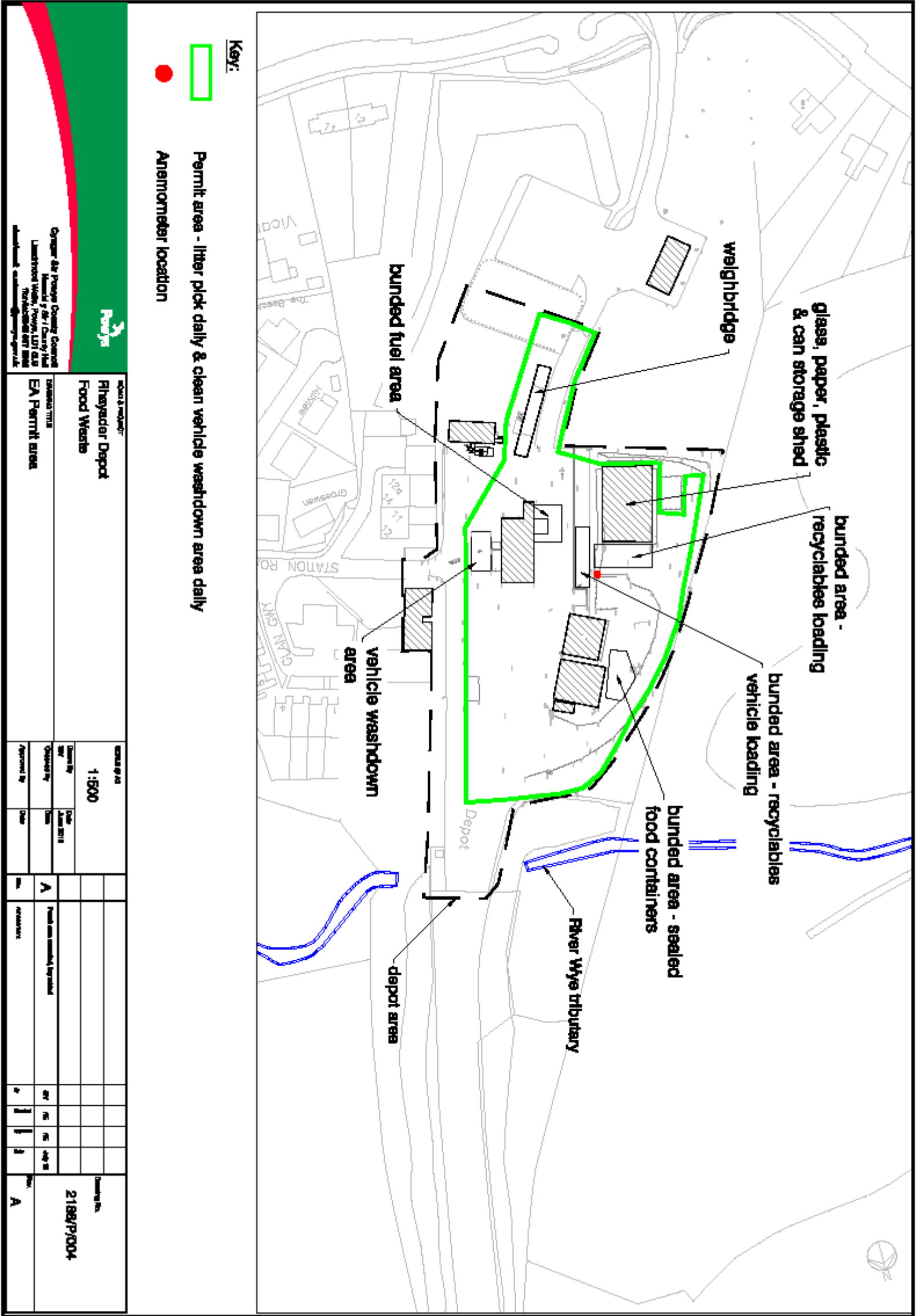
Manager:

Bryan Davies 07774 776633, 01597 851357

Head office contact:

Richard Hobbs 07786 703196, 01874 61 2302

3. SITE PLAN & DRAINAGE PLAN



4. CHEMICAL, PRODUCT AND WASTE INVENTORY

Maximum quantities at Peak times

Trade name / Substance	Solid, liquid, gas or powder	UN number (if known)	Maximum quantity	Location marked on site plan	Type of containment & size	Health & environmental properties
Waste glass	Solid		6 tonnes/day	YES	Covered storage bay.	Injury hazard
Waste paper/ card	Solid		6 tonnes/day	YES	Covered storage bay.	
Waste cans	Solid		2 tonnes/day	YES	Covered storage bay.	
Waste plastic	Solid		2 tonnes/day	YES	Covered storage bay.	
Waste food	Solid and liquid		4 tonnes/day	YES	Sealed waste container. (5.3 m ³ capacity)	Odorous
Ad blue-green ox	liquid		5 drums	Shed 3	45 L drum	Harmful to the environment
Engine oil – M&B Hydraulic oil	liquid		1	Shed 3	25 L drum	Harmful to the environment
Hydraulic oil	liquid		1	Shed 3	200 L drum	Harmful to the environment
Engine oil	liquid		1	Shed 3	200 L drum	Harmful to the environment
Propane gas - Calor gas	Gas		1	Shed 3	19 kg bottle	
Lithium grease	liquid		1	Shed 3	5 kg container	
Swarfega jizer	liquid		3	Shed 3	25 L drum	
Rock oil – two stroke	liquid		2	Shed 3	25 L drum	Harmful to the environment
Greasetec general purpose grease	Solid		45	Shed 3	400g tube	
Fuchs engine oil	liquid		1	Shed 3	25 L drum	Harmful to the environment
Petrol	liquid		50 L	Shed 3	20L and 5L containers	Harmful to the environment
Diesel	liquid					Harmful to the environment
Blue diamond survey spray	liquid		20 cans	Shed 3	750/250ml	
Nomix	liquid		60 L	Shed 3	5 L	Harmful to

Trade name / Substance	Solid, liquid, gas or powder	UN number (if known)	Maximum quantity	Location marked on site plan	Type of containment & size	Health & environmental properties
conqueror weed spray				Chem safe	container	the environment
Nomix universal cleaner	liquid		20 L	Shed 4	5 L	
Graffex Ultra graffiti remover eco safe (Forward chem.)	liquid		100 bottles	Shed 5	1.5 L bottle	
Graffiti kits Urban Hygiene Ltd	Easy off cleaning solution liquid		5 kits	Shed 5	5 packs	
Graffiti kit	Easy off Wipes graffiti removal wipes		5 kits	Shed 5	5 packs	
Dulux trade eggshell light base paint	liquid		3 tins	Shed 5	5 L tin	
Dulux trade vinyl matt pure brilliant white paint	liquid		2 tins	Shed 5	5 L tin	
Kremtect germicidal barrier cream (Forward Chem)	liquid		5 cans	Shed 5	400 ml spray	
Handsan ecosafe sanitizing gel. Eco safe (Forward Chem)	liquid		50 bottles	Shed 5	Aprox 1 L bottle	
De-scale ecosafe (Forward Chem)	liquid		10 drum	Aubreys shed	10 L drum	
Jangro foaming bactericidal cleaner BC010-75	liquid		5 bottles	Aubreys shed	750 ml bottle	
Jangro daily toilet cleaner BF020	liquid		10 drums		5 L drum	
Counter bact sanitizer deodoriser (Forward Chem)	liquid		15 drums		5 L drum	

Trade name / Substance	Solid, liquid, gas or powder	UN number (if known)	Maximum quantity	Location marked on site plan	Type of containment & size	Health & environmental properties
Bioclene wet wipes (Forward Chem)	wipes		70 packs		Packs of 20 wipes	
Biodegradable oxyklenz eco-safe brake dust remover (Forward Chem)	liquid		2 drums		10 L drum	
Deb deflect SPF30 sun screen	liquid		50 bottles	Office		
Blu away biological washroom cleaner & odour neutraliser	liquid		5 drums	Aubreys shed	5 L drum	
Easy off cleaning solution (Urban Hygiene Ltd)	liquid		10 bottles		500 ml bottle	

5. POLLUTION PREVENTION EQUIPMENT INVENTORY

Type	Location	Amount	Staff contact
Fuel spill kit	Fuel Pumps	Mixed	Main Office
Fuel/oil spill kit	Maintenance Shed	Bags, Granules	Main Office
Food waste spill kit	Next to food waste container	Bin, broom shovel, dustpan and brush.	Main Office
Glass waste spill kit	Next to the waste glass bay.	Bin, broom shovel, dustpan and brush.	Main Office

6. INCIDENT RESPONSE PROCEDURES

6.1 INSTRUCTIONS FOR DEALING WITH A FUEL SPILL

1. If the fuel spill is large evacuate the buildings by triggering the fire alarm and contact the emergency services by dialling 999. Retreat to a safe distance. Do not put yourself at risk. When safe to do so, contact the Helpdesk on 0845 607 6060 who will inform the relevant operations manager or duty manager (if out of office hours.)
2. Do **not** attempt to hose down the spill or disperse it with detergent.
3. If the fuel spill is small - under 90 litres (20 gallons), locate the fuel spill kit. This is kept close to the fuel tank in a container marked "OIL SPILL RESPONSE KIT".
4. Open the kit, put on the protective gloves and use the pillows or granules to mop up the spill, following the manufacturers instructions.
5. Place the used pillows or granules in the polythene bags provided and put the bags in a safe place.
6. Contact the Depot Manager who will arrange for a specialist waste contractor to dispose of them.
7. Contact the Helpdesk on 0845 607 6060 who will inform the relevant operations manager or duty manager (if out of office hours) of the incident.

6.2 INSTRUCTIONS FOR DEALING WITH A FOOD WASTE SPILL

1. Locate the food waste spill kit and warning signs. The spill kit is in a container situated next to the sealed food waste bin.
2. Erect hazard warning signs.
3. Use the hard broom, shovel or dustpan and brush to place the spilt food waste into the bin provided.
4. Place the contents of the bin in the sealed food waste container.
5. Wash out the bin.
6. Hose down the area that has been affected.
7. Clean the hard broom, shovel or dustpan and brush and return to the spill kit container.

6.3 INSTRUCTIONS FOR DEALING WITH A GLASS SPILL

1. Locate the glass spill kit and warning signs. The spill kit is in a container situated next to the covered waste glass bay.
2. Erect warning signs.
3. Wear suitable eye protection.
4. Use the hard broom, shovel or dustpan and brush to place the spilt glass into the bin provided.
5. Place the contents of the bin in the covered waste glass bay.

Accident and incident record

Waste transfer station:	
Date and time of the incident:	
What happened, what was it about?	
Was anyone else aware of this – other witnesses? If so who?	
What caused it?	
What action did you take to fix the problem? Were external agencies involved?	
What have you done to make sure that it does not happen again?	
Was there any significant pollution – for example: oil entering a surface water drain. If so what?	
If there was then you must notify the Environment Agency on 0800 807060 ASAP. Have you done so?	Yes/No/not applicable Time: Date: E.A Incident number:
Please print your name and sign	

Please send or email a copy of this completed form to the Green Dragon coordinator at green.dragon@powys.gov.uk

Fire Action Procedure for Rhayader Depot

Action to be taken by person discovering a Fire

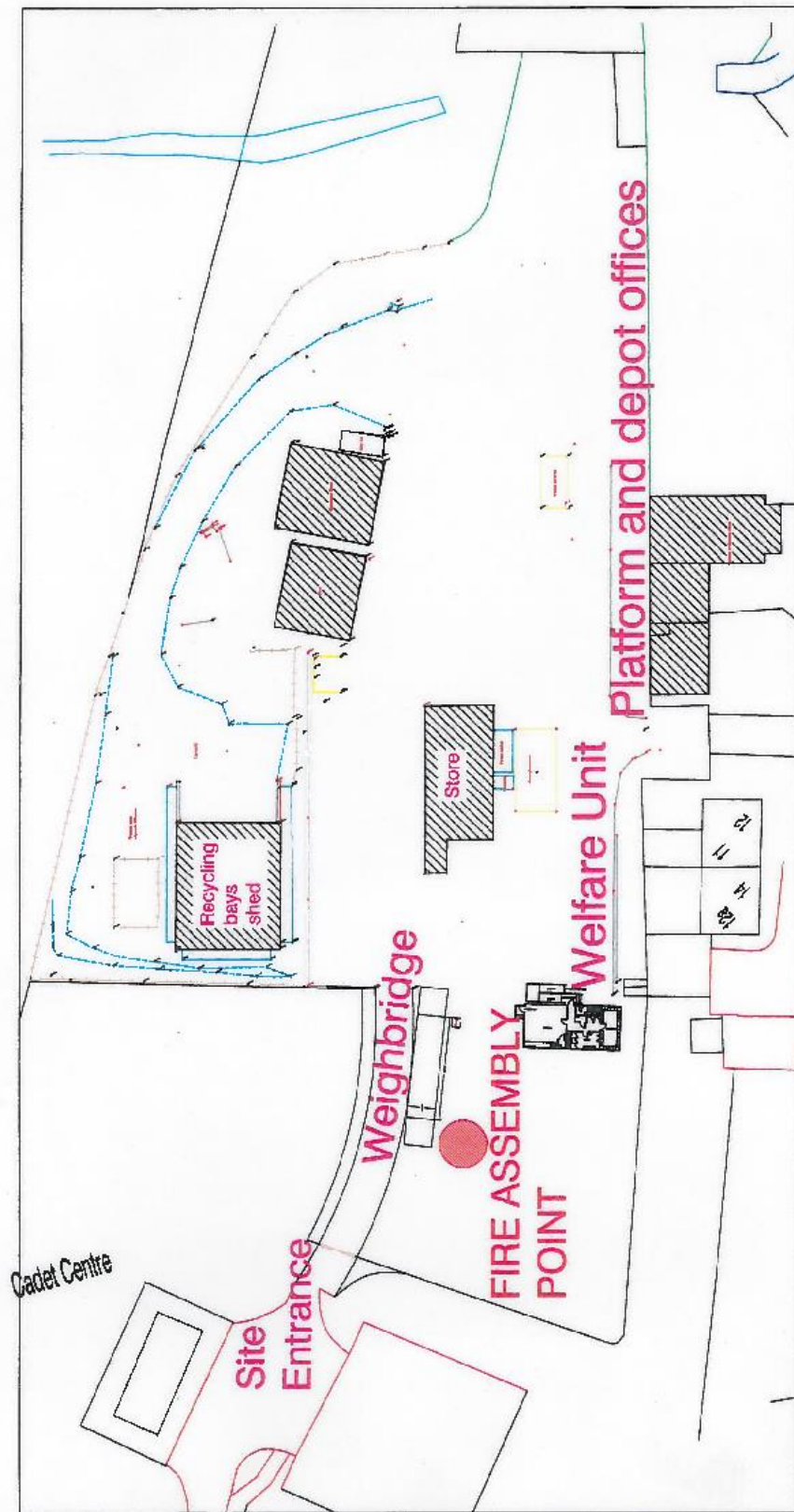
**Raise the Alarm by using the hand operated Air Horns
Ensure call is made to the fire and rescue service
Evacuate the building or area
Shut all doors behind you
Fire Assembly point outside to the rear of the weighbridge
(see site plan)**

**Air Horns are Located in (Welfare Unit / Main Office / Wash
Bay in Recycling Bay Area)**

Fire Marshalls will ensure the fire service has been called and conduct a role call ensuring all personnel are accounted for: On arrival of the fire service the fire marshal will liaise with them on any missing persons not accounted for, The Fire Marshall will hand the fire risk assessment folder to the fire service pointing out service cut off points and points of interest.

**No personal to re-enter any buildings unless told to by the
fire service or fire marshalls**

Site Plan



Rhayader Depot - Fire Assembly Point

Fire Extinguisher Plan

