

**Notice of request for more information**

Environmental Permitting (England and  
Wales) Regulations 2016

## Notice requiring further information

**To:**

Company Secretary  
Kilsby & Williams,  
Cedar House,  
Hazell Drive,  
Newport,  
Gwent,  
NP10 8FY

CC: [gareth@environmentalfocus.co.uk](mailto:gareth@environmentalfocus.co.uk)

**Application number: PAN-002660**

Natural Resources Wales, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit, dated **19/06/18**.

The information requested should be sent to the following address by **20/08/2018**.

**Information should be sent to:**

[Magda.leonowicz@naturalresourceswales.gov.uk](mailto:Magda.leonowicz@naturalresourceswales.gov.uk)

Name	Date
<b>Magda Leonowicz</b>	<b>02/08/2018</b>

Authorised on behalf of Natural Resources Wales

# Schedule

## 1. The fire prevention and mitigation plan (FPMP)

The fire prevention and mitigation plan submitted does not meet the requirements of our current guidance which can be found here - [Fire Prevention & Mitigation Plan Guidance-Waste Management Version 2](#). All areas outlined in this guidance should be covered in detail within the fire prevention and mitigation plan. If you consider deviation from the prescribed guidance, a justification will need to be provided. Please see below the information that needs to be added to the FPMP plan:

### 1.1 Reviewing and monitoring your Fire Prevention & Mitigation Plan

It is essential that the FPMP is kept up to date to ensure compliance is maintained. The guidance states that the FPMP should be treated as a live working document and reviewed regularly (*see the FPMP guidance - Reviewing and monitoring your Fire Prevention & Mitigation Plan p.36*). Your FPMP doesn't include Reviewing and monitoring information.

#### **Action:**

Please provide:

**1.1.1** methods and procedures used to maintain compliance as a separate section within your Fire Prevention and Mitigation Plan.

**1.1.2** all circumstances that would warrant a review of the FPMP, this may include but not be limited to the examples given in the guidance p.36.

**1.1.3** the areas of the FPMP that would need updating because of said circumstances answered in 1.1.b)

### 1.2 Contact details

Contact details of sensitive receptors within 1km of your site have not been included but the guidance states that the FPMP must include the following, if applicable (*See FPMP guidance - Fire Prevention and Mitigation Plan contents, p. 8*):

**Human receptors** include hospitals, nursing homes, schools, residential areas, places of work, transport networks.

**Environmental receptors** include source protection zones, surface waters, potable abstractions, groundwater, protected habitats, fisheries.

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**Action:**

Please incorporate a list of relevant contacts in your FPMP.

**1.3 During and after an incident**

The FPMP guidance states that the FPMP must have contingency measures in place for dealing with issues during and after a fire (*See FPMP Guidance - During and after an incident p.36*). For example, these can include:

**1.3.1** diverting incoming wastes to alternative sites during a fire

**1.3.2** having a plan for how you will notify those who may be affected by a fire, such as nearby residents and businesses.

**1.3.3** contractors that might be used to assist with additional plant for firefighting techniques, removal of waste material, containment and removal of excess water run-off

**1.3.4** how you will clear and decontaminate the site

**1.3.5** the steps you must take before the site can become operational again

**Action:**

Please add the above information to your amended FPMP.

**1.4 Site Plan**

The fire site plan you have provided does not contain all of the required information as set out in the guidance. The site plan must be drawn to scale and include all the features stated in the fire guidance, (*see the Fire Prevention and Mitigation Plan contents guidance p.8*).

**Action:**

Please include the following features in your fire site plan:

a) a scale of the site plan

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- b) the location of on or off-site fire hydrants, other water supplies and fire-fighting equipment and easy access to these.
- c) the location of drain covers and any pollution control features such as drain closure valves and firewater containment systems
- d) the location of “off- site” emergency information pack with a site plan
- e) location of key receptors such as critical infrastructure, schools, hospitals, residential areas, workplaces, protected habitats and rivers within 1km of the site
- f) the location of the quarantine area.
- g) compass rose showing north and the prevailing wind direction
- h) the location of protective clothing and pollution control equipment and materials
- i) please include all the stockpiles and the separation distances drawn to scale.
- j) the type of waste, the form of storage and the stack size stored in ‘the depollution bay and the residual waste storage’ sector.
- k) the distance between the waste fuel storage and the depollution bay and residual waste storage
- l) the size of the pile, the form and the time of storage of the non-ferrous metals stored next to the exit.
- m) the type of waste, the time, the form of waste and the size of the stockpile of the waste stored next to the entrance (the black square).
- n) the location of bunkers.
- o) the location of all containers and separation distances between them.

Please note: these can be included on separate plans and do not need to be included on one document.

## 1.5 Leaks and spillages of oils and fuels

The FPMP states that you should consider the possibility of fuels and combustible liquids leaking or trailing from site vehicles and ELVs.

For example, this may include spillages from vehicles being tracked around the site before or after the de-pollution process. (*Please refer to the FPMP guidance, common causes of fires and preventative measures p.10*).

You must ensure that any materials used to absorb combustible liquids are correctly disposed of to reduce the risk of a potential fire.

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**Action:**

Please include the above information in the amended FPMP.

**1.6 Water supplies**

**1.6.1** In your FPMP you stated that there is a fire hydrant that can be used by the FRS in the case of an emergency.

In accordance with the guidance, you should contact your respective water supplier to establish water access, available water pressure to your site to ensure that supplies are available without impacting on local supply.

**1.6.2** You have stated that the DCWW will provide 30,000 L tankers to the site in the event of emergency.

Please provide evidence from DCWW that they will provide 30,000 L tankers to the site in the event of emergency. This evidence should also include the maximum number of tankers that could be provided at the site at any one time and the maximum time for the tankers to arrive at the site from the time when they were requested.

**1.6.3** Are there any other alternative firefighting methods available? If yes, what type of methods and who can access them?

**1.6.4** In your FPMP you have provided the sizes of stockpiles, but it is not clear which numbers represent height, width and length, please clarify this. In addition to this please confirm the separation distances from all stacks to other stacks and to buildings. Please note that the site plan shows the stacks very close together and once stack very close to waste oil containers.

**1.6.5** For us to be able to calculate the amount of water needed at the site in the worst-case scenario, we need to know the size of the largest stockpile present at the site at any one time.

Please provide the size of the largest stack stored at the site.

**Action:**

Please provide the above information in the amended FPMP.

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## 1.7 Storage in containers

**1.7.1** The guidance states that if you store waste in containers that can hold more than 1,100 litres, each one must be accessible so any fire inside it, can be extinguished, for all other containers holding waste. Examples of these types of containers include skips, roll-on roll-off skips, or shipping containers.

If you have a fire, you should be able to move containers as soon as is reasonably practicable in a safe manner to prevent the fire spreading.

### **Action:**

Please set out the procedures you will put in place to allow this to happen and provide in the amended FPMP. Please provide the capacity of each container stored on the site.

**1.7.2** In your FPMP you have stated that you intend to store lead acid batteries in sealed containers and waste such as tyres, general waste and wood waste in roll on and roll off skips.

### **Action:**

Please clarify how many containers are at the site and what are their capacities. Please clarify whether the containers for batteries are in the depollution building or in the depollution bay? The fire site plan shows they are in a depollution bay, whereas the FPMP states they are in a depollution building.

Please note that all containers storing waste must be clearly marked on the site plan.

## 1.8 Waste in skips

In your FPMP you stated that there are two skips to store wood waste and general waste. These waste streams are not included in the EWC waste list and they are not a part of the permit.

### **Action:**

Please confirm that the skips with wood waste and general waste will be stored in the quarantine area and these waste streams appear on the site as contaminants of permitted waste and will be removed from the site as soon as it is practicably possible. The guidance states that if you use your quarantine area to store material temporarily (for example, non-permitted wastes) you should make sure you can remove those

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wastes as soon as possible. In the event of a fire, you must remove those wastes immediately.

Please include the procedure you will use to do this in the amended FPMP.

Alternatively, if you are proposing to accept these waste streams, you will need to provide the following:

- Updated list of waste codes.
- Maximum amount stored at any one time (for each waste).
- Updated management plans to address the risk of accepting, storing/ treating these wastes. Are these wastes collected for recovery or disposal? – this information should be provided in the amended EMS.
- Revised FPMP to account for these wastes in accordance with the guidance.

### **1.9 Enclosing stacks using bays and walls**

In your FPMP you have stated that you will use bunker storage methods. The information such as forms and types of waste stored in bunkers and the maximum time of storage and the stockpile sizes (length, width and height) within bunkers must be included in the FPMP (see FPMP Guidance pp. 17,19).

#### **Action:**

Please provide the above information in the amended FPMP.

### **1.10 Common Causes of Fires and Preventative Measures**

In the FPMP you have provided common causes of fires and preventative measures. However, there are some more relevant risks and measures that may apply and have not been included.

- Visitors & Contractors
- Reactions between wastes
- Batteries within waste deposits
- Batteries in ELVs – the FPMP states that “batteries will be disconnected from all vehicles when they arrive at the site as part of the acceptance checks”. In accordance with the guidance, you must ensure every effort is made to remove any form of battery unit prior to processing.

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**Action:**

Please add the above risks and describe the measures preventing potential fire incidents in the amended FPMP.

**1.11 The maximum time each type of waste will be stored on site and how it will be managed**

The absolute maximum storage time of the following wastes have not been provided:

- The stockpiles that are located to the righthand side of the sites entrance (shown in Appendix A), and what type of waste will be stored here? In the FPMP you have stated this pile contains 500 T of waste but you haven't provided the size of this stack. Please provide this.
- A stockpile of un-depolluted ELVs
- You have stated that the skip with tyres will be removed from the site every 6-8 weeks. Please confirm that the maximum storage time for tyres is 8 weeks.

**Action:**

Please specify the exact figures of storage times in the amended FPMP

**1.12 Minimise external heating during hot weather by shading from direct sunlight**

The information has not been provided in regards with self -combustible materials including but not limited to tyres stored on site (refer to the FPMP guidance – *Storage times and self- combustion factors p.13*).

**Action:**

Please provide the information on how the combustible materials will be protected from the external heating.

**1.13 Designated quarantine area**

The FPMP must include a description of the quarantine area. The quarantine area must meet the criteria outlined in the Fire Guidance (refer to *FPMP Designated quarantine area p.35*).

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**Action:**

Please provide a description of the quarantine area which is in line with the fire guidance, including (*but not limited to*) how the quarantine area will be used and how materials will be moved during an incident.

**2. Noise management plan**

As a result of our assessment of the measures put in place to mitigate against the impact of noise, we are not confident that the proposed operations will not cause noise pollution.

**2.1** In the noise management plan, you have stated that all grades shall be loaded with care and material will not be dropped into a trailer. We require in more detail, what measures will be put in place to ensure that the minimal noise levels are generated during loading and unloading the lorries.

**2.2** Operational hours of the site have not been provided.

**2.3** The confirmation that the staff are aware of switching off all the equipment at the site while not in use.

**Action:**

Please provide the above information in the amended Noise Management Plan.

**3. The site drainage**

The guidance '*How to comply with the environmental permit*' p 43. Requires the operator to make sure that the containment or drainage facilities are adequate to all operational areas taking into consideration collection capacities, surface thickness, falls, etc.

**3.1** The EMS states that 'the infrastructure on site currently consists of a concrete surface that allows for the free flowing of water across the surface. The surface water will collect in a drainage channel before being discharged via an engineered class one interceptor and soakaway system.'

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**Action:**

Please confirm and provide evidence showing that the capacity of the interceptor and the soakaway device are adequate to the site size and the risks that could arise from the operations taken place at the site, i.e. that they can accommodate fire water generated, should an incident occur. This amount is for the worst-case scenario (i.e. the largest stack on fire).

**3.2** The guidance requires regular inspections and maintenance programme to be in place for the interceptor and the soakaway device.

**Action:**

Please provide a maintenance programme for the interceptor and the soakaway device.

**3.3** The site plan doesn't show the direction of the flow of water. Our 'How to comply with your environmental permit' guidance p.43 states that this should be included.

**Action:**

Using arrows please show the direction of the flow of water on the site plan.

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