

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

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 **19/06/2018**.

The information requested should be sent to the following address by **28/09/2018**.

Name	Date
Magda Leonowicz	14/09/2018

Authorised on behalf of Natural Resources Wales

Schedule

Water supplies

You have previously stated that the fire hydrant is the only water supply available at the site in the event of fire, but the provided information doesn't satisfy the requirements stated in the guidance. The guidance requires information on the flow rate from the hydrant so that we can calculate how much water the hydrant will produce and assess amount against the amount of water required to manage a worst case scenario incident (e.g. one (your largest stack) or more stacks on site are on fire).

The guidance requires you to use the estimate guide to calculate the volume of water that is needed at the site: e.g. 'A 300m³ stack of combustible material will normally require an average water supply of at least 2000 litres a minute for a minimum of 3 hours' p.34.

According to this formula, and the calculation based on the biggest stack 10m x 5m x 4m = 200 m³, the approximate amount of water needed at your site is 240,000 L.

Please see the calculations below:

$$10\text{m} \times 5\text{m} \times 4\text{m} = 200\text{m}^3$$

$$300\text{m}^3 - 2000 \text{ L}$$

$$200\text{m}^3 - x$$

$$x = \frac{200 \times 2000}{300}$$

$$x = 1333.33 \text{ L / min}$$

$$1333.33\text{L/min} \times 180 = \underline{239999.4 \text{ L}}$$

Please provide the evidence that this amount of water will be available immediately at the site in the event of fire. Without this information and the evidence that this amount of water will be available at the site at any time, we will not be able to accept the FPMP. As fire is a significant risk at waste sites we cannot issue a permit until a sufficient FPMP has been submitted to us.

Alternatively you may wish to propose other water supplies as listed in the guidance. If so please refer to Section 20. Water supplies in the guidance.

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Gwasanaeth Trwyddedu (Caerdydd), Cyfoeth Naturiol Cymru, Tŷ Cambria, 29 Heol Casnewydd, Caerdydd, CF24 0TP

Permitting Service (Cardiff), Natural Resources Wales, Cambria House, 29 Newport Road, Cardiff. CF24 0TP

Gwefan/Website www.cyfoethnaturiolcymru.gov.uk

www.naturalresourceswales.gov.uk

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg
Correspondence welcomed in Welsh and English