



Cyfoeth Naturiol Cymru
Natural Resources Wales

Water Resources LICENCE TO

ABSTRACT

WATER

Environment Act 1995
Water Resources Act 1991 as amended
by the Water Act 2003
Water Resources (Abstraction and
Impounding) Regulations 2006
Natural Resources Body for Wales (Functions)
Order 2012

IMPORTANT NOTES

Need for safekeeping

This licence is an important document. The permission or right to abstract water may be valuable to your landholding. So -

- Keep the licence safe, preferably with your deeds etc.
- Take careful note of the comments below about "transfer and apportionment" and "death and bankruptcy".

This is to ensure that the permission and any rights granted by the licence continue if you need to pass it on to someone else.

If you want to:

- revoke (cancel) the licence;
- vary (change/amend) the licence in any way or
- change your contact address (but you continue to hold the licence).

Please write to us at your local Natural Resources Wales office.

Details of this licence are placed on a register, kept by Natural Resources Wales and open for inspection by the public. The public may also obtain further details about it by virtue of the Environmental Information Regulations 2004 (see also Disclosure of Information) except in special cases (for advice please contact us at the address shown on the front page of the licence).

Transfer and apportionment

If you need to pass this licence or any part of it to someone else, you must contact Natural Resources Wales and obtain the appropriate application forms. Temporary licences cannot be transferred or apportioned. The licence holder remains responsible for compliance with the terms of the licence and any charges payable until the licence has been transferred or apportioned.

Death or bankruptcy of the licence holder

If a licence has been 'vested' in you, as a result of the death or bankruptcy of the licence holder, please contact Natural Resources Wales in writing, telling us the licence number(s) and the date that the licence vested in you as a personal representative or trustee of the licence holder. This is necessary in order to enable you to subsequently transfer the licence.

'Vesting' is the transfer of responsibility and ownership of a licence when an existing licence holder is no longer able to hold the licence either through death or bankruptcy.

You do not have to complete a form, but you must notify us in writing within 15 months of the date of vesting, giving the full names of all personal representatives or trustees and a contact address.

Time limits

Your licence may be subject to a time limit (stated on the front of your licence). All new abstraction licences are legally required to include a time limit. For variations to licences, time limits are added in accordance with our policy.

The duration of a time limit is determined in accordance with our time limiting policy. The time limit is linked to the next or subsequent review of water resources within a Catchment Abstraction Management Strategy (CAMS).

There will be a presumption of renewal providing three tests are met: environmental sustainability is not in question; there is continued justification of need; and water is being used efficiently. Any application for renewal will still be subject to the normal statutory considerations.

If your licence is time limited and you wish to renew it when it expires, you will need to apply for a new licence to replace the existing one. You are advised to submit this application at least three months before it expires. To allow you to give early consideration to this, we will send you a reminder approximately 18 months before the expiry date.

If your licence cannot be renewed, we will endeavour to give at least six years notice. We will also endeavour to give at least six years notice where the licence is likely to be renewed on different terms and will significantly impact upon the use of the licence.

In exceptional circumstances, for example where there are other overriding statutory duties such as the Habitats Regulations, it may not be possible to provide six years notice.

Charges

Unless specifically exempted, we may levy an annual CHARGE for water AUTHORISED to be abstracted by this licence, in accordance with our abstraction charges scheme in force at the time.

The licence may be revoked if charges are not paid.

Quantity and quality of water

You must not abstract more than the quantity specified in the licence.

Natural Resources Wales does not, by issue of this licence or otherwise, in any way guarantee that the source of supply will produce the quantity of water authorised to be abstracted by this licence, nor that the water is fit for its intended use.

The quantity of water authorised for abstraction is given in cubic metres. One cubic metre is approximately 220 gallons.

(The precise conversion is 1 cubic metres = 219.969 gallons).

Source of supply and authorised point of abstraction

You may abstract from the point(s) specified in the licence and from no other points. If you want to add or change the authorised point(s) of abstraction, you must apply to us to vary the licence.

Land on which water is authorised to be used

Where this condition applies, you may only use the water you abstract on the area specified in the licence. You must apply to us to vary the licence if you wish to extend or alter this area or remove it.

Purpose for which water is authorised to be used

You may only use the water for the purpose(s) specified in the licence. You must apply to us to vary the licence if you wish to add to or change the purpose(s).

Offences

Under the Water Resources Act 1991 it is an offence:-

- to abstract water, or cause or permit any other person to abstract water, unless the abstraction is authorised by and in accordance with an abstraction licence, or is subject to an exemption;
- to do anything to enable abstraction, or to increase abstraction, except in accordance with an abstraction licence or exemption;
- to fail to comply with the conditions of an abstraction licence.
Note in particular that it may be a condition of the licence to maintain the meter or other measuring device etc. and failure to do so will be an offence;
- to interfere with a meter or other device which measures quantities of water abstracted so as to prevent it from measuring correctly;
- to fail to provide information which we have reasonably required for the purpose of carrying out any of the Natural Resources Wales water resources functions;
- to knowingly make false statements for the purpose of obtaining a licence or consent or in giving required information.

The requirement for a licence is subject to some exemptions, set out in the Water Resources Act 1991 as amended. If in any doubt as to whether you need a licence, contact us at the address shown at the bottom of the front page of the licence.

Right of appeal

If you are dissatisfied with our decision on your licence application, you may appeal.

If you are in England, you should write to the Secretary of State for the Environment, Food and Rural Affairs, care of The Planning Inspectorate at: Room 4/19 Eagle Wing, Temple Quay House, 2 The Square, Temple Quay, Bristol, BS1 6PN.

If you are in Wales, you should write to Welsh Government care of The Planning Inspectorate at: Crown Buildings, Cathays Park, Cardiff, CF10 3NQ.

You must serve notice of appeal within 28 days of the date of receipt of this licence (although the Secretary of State and The Welsh Government have power to allow a longer period for serving notice of appeal). See Water Resources Act 1991, section 43.

Disclosure of information

Information about this licence is available in the public Register held by Natural Resources Wales. Members of the public are also entitled to ask us for other "environmental information" it holds, including any activities likely to affect "the state of any water" or any "activities or other measures designed to protect it". That would include the information additional to the licence document e.g. any related agreement or abstraction returns. In certain restricted circumstances it is possible to claim that information should be kept confidential. If you require more information about keeping this information off the public register because it is confidential, please contact us by writing to the address shown on the front page of the licence within 28 days of receiving this licence.

FULL LICENCE TO ABSTRACT WATER

The Natural Resources Body for Wales (hereafter referred to as "the NRW") grants this licence to:-

Kronospan Ltd ("the Licence Holder")

Maesgwyn Farm
Chirk
Wrexham
LL14 5NT

Company registration number: 00981905

This licence authorises the Licence Holder to abstract water from the source of supply described in the Schedule of Conditions to this licence and subject to the provisions of that Schedule. The licence commences from the effective date shown below and shall remain in force until the date of expiry shown below.

Signed 
Anwen Davies
Permitting Team Leader

Permitting Service
Natural Resources Wales
Cambria House
29 Newport Road
Cardiff
CF24 0TP

Date of issue 02 April 2015

Date effective 01 April 2015

Date of expiry 31 March 2027

Date of original issue 01 September 2009
(if this document is a reissue or revision of the licence originally granted for this abstraction)

The licence should be kept safe and its existence disclosed on any sale of the property to which it relates. Please read the 'important notes' on the cover to this licence.

Note: References to "the map" are to the map which forms part of this licence.
References to "the NRW" are to the Natural Resources Body for Wales or any successor body.

SCHEDULE OF CONDITIONS

1. SOURCE OF SUPPLY

- 1.1 Underground strata, comprising superficial deposits of sand and gravel at Maesgwyn Farm, Chirk, Wrexham.

2. POINT OF ABSTRACTION

- 2.1 At National Grid Reference SJ 28991 38183 marked "Abstraction Borehole W3" on the map.

3. MEANS OF ABSTRACTION

- 3.1 A submersible pump with a maximum abstraction rate of 9.7 litres per second from a borehole not exceeding 55.0 metres in depth and 300 millimetres in diameter.

4. PURPOSE OF ABSTRACTION

- 4.1 Industrial process water – fireboard manufacture and evaporative cooling.

5. PERIOD OF ABSTRACTION

- 5.1 All year.

6. MAXIMUM QUANTITIES OF WATER TO BE ABSTRACTED

- 6.1 236,520 cubic metres per year
648 cubic metres per day
27 cubic metres per hour
At an instantaneous rate not exceeding 9.7 litres per second

Note: an hour means any period of 60 consecutive minutes, a day means any period of 24 hours and a year means the 12 month period beginning on 01 April and ending on 31 March.

7. MEANS OF MEASUREMENT OF WATER ABSTRACTED

- 7.1 (i) No abstraction shall take place unless the Licence Holder has installed a meter to measure quantities of water abstracted.
- (ii) The Licence Holder shall position and install the meter in accordance with any written directions given by the Agency.
- (iii) The Licence Holder shall maintain, repair or replace the meter to ensure that accurate measurements are recorded at all times.
- (iv) The Licence Holder shall keep all records of meter repair or replacement including evidence of current certification for a period of 6 years.

8. RECORDS

- 8.1 The Licence Holder shall take and record readings of the meter specified in

condition 7 at the same time each month, during the whole of the period during which abstraction is authorised or as otherwise approved in writing by the NRW.

- 8.2 The Licence Holder shall send a copy of the record required by condition 8.1 or summary data to the NRW on 31 March each year or within 28 days of being so requested in writing by the NRW.

Each record shall be kept and be made available during all reasonable hours for inspection by the NRW for at least 6 years.

8.3

9

FURTHER CONDITIONS

- 9.1 If so instructed by the NRW, the Licence Holder shall immediately reduce the pumping rate from abstraction borehole W3 when the groundwater level, as measured from the designated reference point on observation borehole "D" (condition 9.8, below) falls below 69 metres Above Ordnance Datum (m AOD) equivalent to a dip reading of 36.375 metres. The reduced pumping rate shall be specified by the NRW. This condition will also apply to any agreed replacement borehole.

- 9.2 No abstraction shall take place if the groundwater level, as measured from the designated reference point on observation borehole "D" falls below 68.5m AOD (dip of 36.875 metres). In addition, no abstraction shall take place which causes the groundwater level, as measured from the designated reference point on observation borehole "D" to fall below 68.5m AOD (dip of 36.875 metres). This condition will also apply to any agreed replacement borehole.

- 9.3 The Licence Holder shall install continuous groundwater level monitoring equipment on observation boreholes "A1", "B" and "D" (as shown on the map) for the period that the licence remains in force.

The type of equipment deployed shall be agreed by the NRW. A Quality Assurance protocol will be agreed, in writing, between the NRW and the Licence Holder before such equipment is installed and operated, so that the data capture is of the highest standard and data loss is minimised. The data produced shall be submitted to the NRW at a frequency of not less than every two months in an electronic format to be agreed with the NRW.

- 9.4 Abstraction borehole "W3" shall be fitted with a dip tube with a minimum diameter of 25 millimetres for the purposes of groundwater level measurement. The dip tube shall be constructed and installed to the NRW's satisfaction and shall be safely accessible to NRW staff at any reasonable time. When it becomes necessary to remove the dip tube to facilitate maintenance work, repair work or replacement of equipment, the tube shall be replaced immediately on completion of the work.

- 9.5 Manual groundwater level measurements shall be taken within the boreholes marked as "W2", "W3", "A1", "B", "C" and "D" on the map, on a weekly basis for the period that this licence remains in force. The measurements shall be taken using equipment of a high professional standard and from a consistent datum point on each of the boreholes. The dipping datum point shall be clearly marked at each borehole and a description identifying each point submitted to the NRW

in writing.

- 9.6 The weekly groundwater level records specified in Condition 9.5 above, together with the time and date of measurement, shall be recorded by the Licence Holder in term of both metres Below Datum (mBD) and metres Above Ordnance Datum (mAOD) and shall be submitted to the NRW by the 14th day of the month following the month to which those records relate.
- 9.7 Location of the boreholes:
 "W2" – SJ 28690 38613
 "W3" – SJ 28991 38183
 "A1" – SJ 28689 38679
 "B" – SJ 28977 38369
 "C" – SJ 28930 38371
 "D" – SJ 29025 38093
- 9.8 The Licence Holder shall inform the NRW immediately, in writing, of any change of datum point or related circumstance at any of the boreholes stipulated in condition 9.7 of this licence. If so instructed by the NRW the Licence Holder shall carry out a levelling survey to the NRW's satisfaction to establish the elevation (to Ordnance Datum Newlyn) of the dipping datum (reference point) on any of the boreholes. The designated reference point at observation borehole "D" is defined as the top edge of the plastic lining tube within the borehole chamber.
- 9.9 The Licence Holder shall maintain all the observation boreholes specified in this licence (i.e. boreholes W2, A1, B, C and D) in good condition and protect them from damage, vandalism or any other interference. Where an observation borehole becomes lost, damaged, permanently inaccessible or is no longer capable of providing a representative groundwater level (due to borehole failure/collapse), the Licence Holder shall immediately inform the NRW, and shall initiate remedial action. This will include the construction of a replacement borehole(s) of similar dimensions, construction and location, where deemed necessary by the NRW. Accordingly, the Licence Holder shall submit to the NRW details of these proposals for consideration. No construction work shall commence until the NRW has given written confirmation that the proposals are acceptable. The replacement borehole(s) shall be completed to the NRW's satisfaction within 6 months of written notification from the NRW that such a new borehole(s) is required.
- 9.10 All boreholes specified in condition 9.7 above shall remain safely accessible to NRW staff at all reasonable times for the purposes of groundwater level measurement and/or groundwater sampling. This may also include the occasional installation of appropriate monitoring equipment.
- 9.11 If requested by the NRW, the Licence Holder shall provide suitable and safe facilities to enable groundwater level monitoring equipment to be installed on any or all boreholes specified in condition 9.7 above at any reasonable time.
- 9.12 All boreholes specified in condition 9.7 above shall be secured with a lockable cover and shall be further protected, where necessary, to prevent unauthorised access, damage, interference and ingress of potentially contaminating materials or substances.

The Licence Holder shall give prior notification to the NRW (giving a minimum

of one calendar month prior notice in writing) of any proposal to abandon or decommission the abstraction borehole ("W3") specified in this licence.

9.13

The Licence Holder shall give the NRW written notification of any proposals to change or modify the construction of the abstraction borehole ("W3") specified in this licence. Such notification shall include details of the changes to be made

9.14

and shall be submitted to the NRW a minimum of one month prior to the changes being made. If the final changes to the construction of the borehole differ from the details originally submitted, the Licence Holder shall notify NRW in writing of the actual construction within one calendar month of those changes having been made.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR CONDITIONS

The conditions are required to enable safe access, monitoring of groundwater levels and prevent pollution of groundwater by ingress.

IMPORTANT NOTES

Water efficiency note

The Licence Holder should use water abstracted under the terms of this licence in an efficient manner. Natural Resources Wales may refer to its guidance on water efficiency (or equivalent guidance) in determining whether water is being used efficiently and may offer advice on any measures considered necessary to meet particular recommendations.

Metering

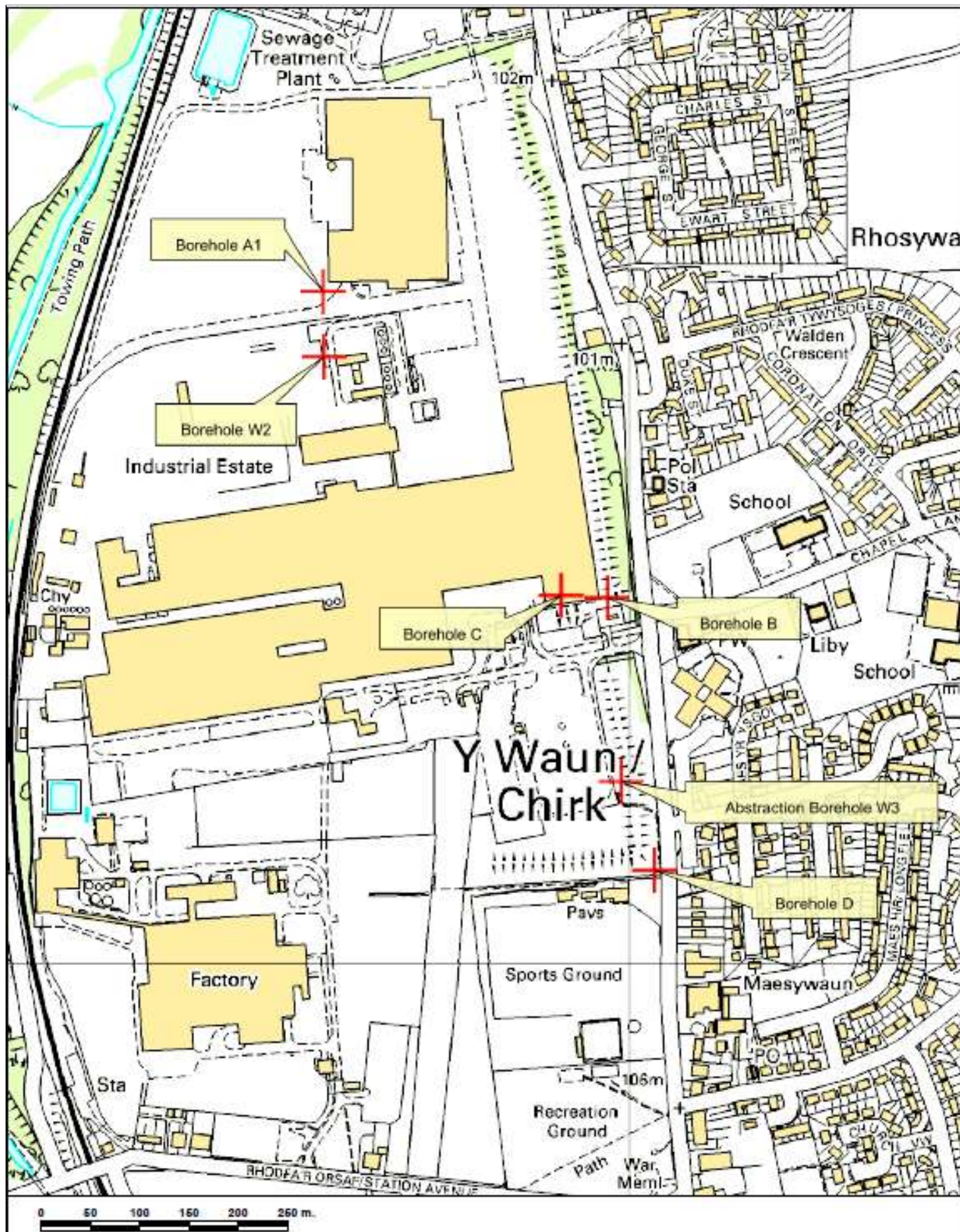
The NRW will have regard to its Abstraction Metering Good Practice Manual (or equivalent guidance) in directing any of the following: where the meter should be located or how it should be installed; whether the meter measures accurately, and/or is properly maintained; whether it is necessary to require repair or replacement of the meter.

Licence History Table

Serial Licence Number	Issue and Effective Date	Expiry Date	Summary of Changes
24/67/5/0079	24/05/2001	24/05/2004	Original licence issued to Kronospan Ltd
24/67/5/0082	25/05/2004	31/03/2008	Original licence

Licence Serial No:	WA/067/0006/006/R002
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			renewed
24/67/5/0083	01/04/2008	31/03/2015	Licence renewed
WA/067/0006/006	01/04/2015	31/03/2027	Licence renewed in line with Dee CAMS CED.



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**MAP ACCOMPANYING LICENCE NUMBER / MAP I GYFEILIO TRWYDDED RHIF
WA/067/0006/006**

Scale I Graddfa 1:10,000

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or about your environment?**

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0300 065 3000 (Mon-Fri 8-6)**

**email
enquiries@naturalresourceswales.gov.uk**

**or visit our website
www.naturalresourceswales.gov.uk**

**incident hotline 0800 80 70 60 (24hrs)
floodline 0845 988 1188**



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