



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 "NRW") grants this licence to:-

Dŵr Cymru Cyfyngedig ("the Licence Holder")
Dŵr Cymru Welsh Water Linea
Fortran Road
St. Mellons
Cardiff
Wales
CF3 0LT

Company Registration Number: 02366777

This licence authorises the Licence Holder to abstract water from the source of supply described in the Schedules of Conditions to this licence and subject to the provisions of those Schedules. Schedule of Conditions A commences from the effective date shown below and shall remain in force until the date of expiry on Schedule of Conditions A. Thereafter, Schedule of Conditions B shall remain in force until revoked.

Signed:

Ashley Lansdown
Permitting Team Leader
Permitting Service
Natural Resources Wales
Cambria House
29 Newport Road
Cardiff
CF24 0TP

Date of issue.....17 November 2022

Date effective.....17 November 2022

Date of expiry.....31 March 2041

Date of original issue.....14 February 1966

This 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 "NRW" are to the Natural Resources Body for Wales or any successor body.

Schedule A of this licence shall expire on 31 March 2041. Thereafter, Schedule B shall remain in force until revoked.

SCHEDULE OF CONDITIONS A

1 SOURCES OF SUPPLY

- 1.1 Inland water (reservoir) known as Beacons Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough
- 1.2 Inland water (reservoir) known as Cantref Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough
- 1.3 Inland water (reservoir) known as Llwyn-On Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough

2 POINTS OF ABSTRACTION

- 2.1 From Beacons Reservoir: At National Grid Reference SN 98890 18300 marked 'Point A' on map 1.
- 2.2 From Cantref Reservoir: At National Grid Reference SN 99683 15453 marked 'Point B' on map 2.
- 2.3 From Llwyn-On Reservoir: At National Grid Reference SO 01180 11410 marked 'Point C' on map 3.

3 MEANS OF ABSTRACTION

- 3.1 Points A, B and C: For the purpose of public water supply: valve control and a gravity feed pipe.
- 3.2 Point B: For the purpose of power production: valve control and a gravity feed pipe of an internal diameter not exceeding 762mm in diameter controlled by a reservoir level transducer.

4 PURPOSES OF ABSTRACTION

- 4.1 At Points A, B and C: public water supply.
- 4.2 At Point B: power production.

5 PERIOD OF ABSTRACTION

- 5.1 All year.

6 MAXIMUM QUANTITIES OF WATER TO BE ABSTRACTED

- 6.1 For the purpose of public water supply:

34,100,000 cubic metres per year.

6.2 For the purpose of power production:

20,498,400 cubic metres per year
 56,160 cubic metres per day
 2,340 cubic metres per hour
 At an instantaneous rate of 650 litres per second.

Note: An hour means any period of 60 consecutive minutes, a day means any period of 24 consecutive hours and a year means the 12 month period beginning on 1 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 meters to measure quantities of water abstracted for each purpose specified in condition 4 above.
- (ii) The Licence Holder shall position and install the meters in accordance with any written directions given by NRW.
- (iii) The Licence Holder shall maintain, repair or replace the meters 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 (i) The Licence Holder shall take and record readings of the meters specified in condition 7.1 at the same time each day during the whole of the period during which abstraction is authorised or as otherwise approved in writing by NRW.
- (ii) The Licence Holder shall send to NRW a copy of the record required by condition 8.1 or summary data to NRW within 28 days after 31 March in each year and also within 28 days of being so requested in writing by NRW.
- (iii) Each record shall be kept and be made available during all reasonable hours for inspection by NRW for at least 6 years.

9 FURTHER CONDITIONS

- 9.1 For the purpose of this licence, references to 'hydropower scheme' shall mean all works consisting of a gravity feed pipe of an internal diameter not exceeding 762mm controlled by a reservoir level transducer, an Ossberger crossflow turbine with two inlets and associated ancillary civil works and discharge outlet pipe with bar spacing no greater than 20 millimetres.
- 9.2 The Licence Holder shall construct, operate and maintain the hydropower scheme in accordance with the specifications detailed in Condition 9.1.
- 9.3 The Licence Holder shall, as far as is reasonably practicable, ensure that no water flows through the turbine if the Licence Holder is unable to generate power.

- 9.4 The Licence Holder shall return all of the water abstracted for the purpose of power production in pursuance of this licence to the Taf Fawr river at National Grid Reference SN 99793 15298 marked 'Point Q' on map 2.
- 9.5 (i) No abstraction shall take place unless the Licence Holder has installed a wire mesh screen with spacing no greater than 20mm to the discharge outlet pipe to prevent the entrapment, entrainment or impingement of fish.
- (ii) The Licence Holder shall maintain the wire mesh screen in accordance with the manufacturer's specifications and keep records of such maintenance available for inspection.
- 9.6 The Licence Holder shall ensure that during construction works and any subsequent maintenance works to the hydropower scheme, the flow in the Taf Fawr is allowed to pass downstream unchanged in quantity and quality at all times.
- 9.7 The Licence Holder shall notify NRW in writing within 7 calendar days after the abstraction of water for the purpose of power production first starts.
- 9.8 The minimum value for the quantity of water authorised to be abstracted under this licence for the purpose of power production as referred to in Section 46(2A) Water Resources Act 1991, is 20,498,400 cubic metres per year.
- 9.9 This Schedule of Conditions shall cease to be of any effect if the abstraction for the purpose of power production as authorised by the licence has not commenced within 3 years of the licence issue date.

SCHEDULE OF CONDITIONS B

1 SOURCES OF SUPPLY

- 1.1 Inland water (reservoir) known as Beacons Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough
- 1.2 Inland water (reservoir) known as Cantref Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough
- 1.3 Inland water (reservoir) known as Llwyn-On Reservoir near Merthyr Tydfil, Merthyr Tydfil County Borough

2 POINTS OF ABSTRACTION

- 2.1 From Beacons Reservoir: At National Grid Reference SN 98890 18300 marked 'Point A' on map 1.
- 2.2 From Cantref Reservoir: At National Grid Reference SN 99683 15453 marked 'Point B' on map 2.
- 2.3 From Llwyn-On Reservoir: At National Grid Reference SO 01180 11410 marked 'Point C' on map 3.

3 MEANS OF ABSTRACTION

- 3.1 Valve control - gravitational supply

4 PURPOSE OF ABSTRACTION

- 4.1 Public water supply.

5 PERIOD OF ABSTRACTION

- 5.1 All year.

6 MAXIMUM QUANTITIES OF WATER TO BE ABSTRACTED

- 6.1 34,100,000 cubic metres per year

Note: A year means the 12 month period beginning on 1 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 meters to measure quantities of water abstracted.
- (ii) The Licence Holder shall position and install the meters in accordance with any written directions given by NRW.
- (iii) The Licence Holder shall maintain, repair or replace the meters 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

- (i) The Licence Holder shall take and record readings of the meters specified in condition 7.1 at the same time each day during the whole of the period during which abstraction is authorised or as otherwise approved in writing by NRW.
- (ii) The Licence Holder shall send to NRW a copy of the record required by condition 8.1 or summary data to NRW within 28 days after 31 March in each year and also within 28 days of being so requested in writing by NRW.
- (iii) Each record shall be kept and be made available during all reasonable hours for inspection by NRW for at least 6 years.

ADDITIONAL INFORMATION

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

REASONS FOR CONDITIONS

Schedule of Conditions A is time-limited to a date to reflect the timing of a future review of the catchment resources availability.

Schedule of Conditions A

Conditions 7.1 and 8.1: The abstraction is required to be metered to demonstrate compliance with the conditions of the licence and to provide information on actual water usage for water planning purposes.

9.1, 9.2 and 9.7: to ensure the hydropower scheme is constructed, operated and maintained in accordance with the specifications agreed by NRW during the determination of the licence.

Condition 9.3: to secure the proper and efficient use of water resources.

Condition 9.4: to ensure the abstraction can be classed as non-consumptive.

Condition 9.5: to prevent the entrapment, entrainment and impingement of fish at the point of discharge.

Condition 9.6: to ensure that the water environment is not impacted during construction and subsequent maintenance.

Condition 9.7: to start NRW's compliance process.

Condition 9.8: to ensure compliance with Section 46(2A) of the Water Resources Act 1991.

Condition 9.9: The licence includes a 'self-destruct' condition in order to secure the proper use of water resources and to avoid commitment of water resources to an abstraction right which cannot be exercised.

Schedule of Conditions B

Conditions 7.1 and 8.1: The abstraction is required to be metered to demonstrate compliance with the conditions of the licence and to provide information on actual water usage for water planning purposes.

IMPORTANT NOTES

No impoundment licence is required to facilitate the abstraction of water for the hydropower scheme authorised by this abstraction licence.

For the purpose of Condition 9.7, the Licence Holder shall contact:

People & Places South East
Natural Resources Wales
Plas Yr Afon
St Mellons Business Park
St Mellons
Cardiff
CF3 0EY

Tel: 0300 065 3000

Email: nrp.southeast@cyfoethnaturiolcymru.gov.uk

Water efficiency note

The Licence Holder should use water abstracted for the purpose of power production under the terms of this licence in an efficient manner. NRW 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

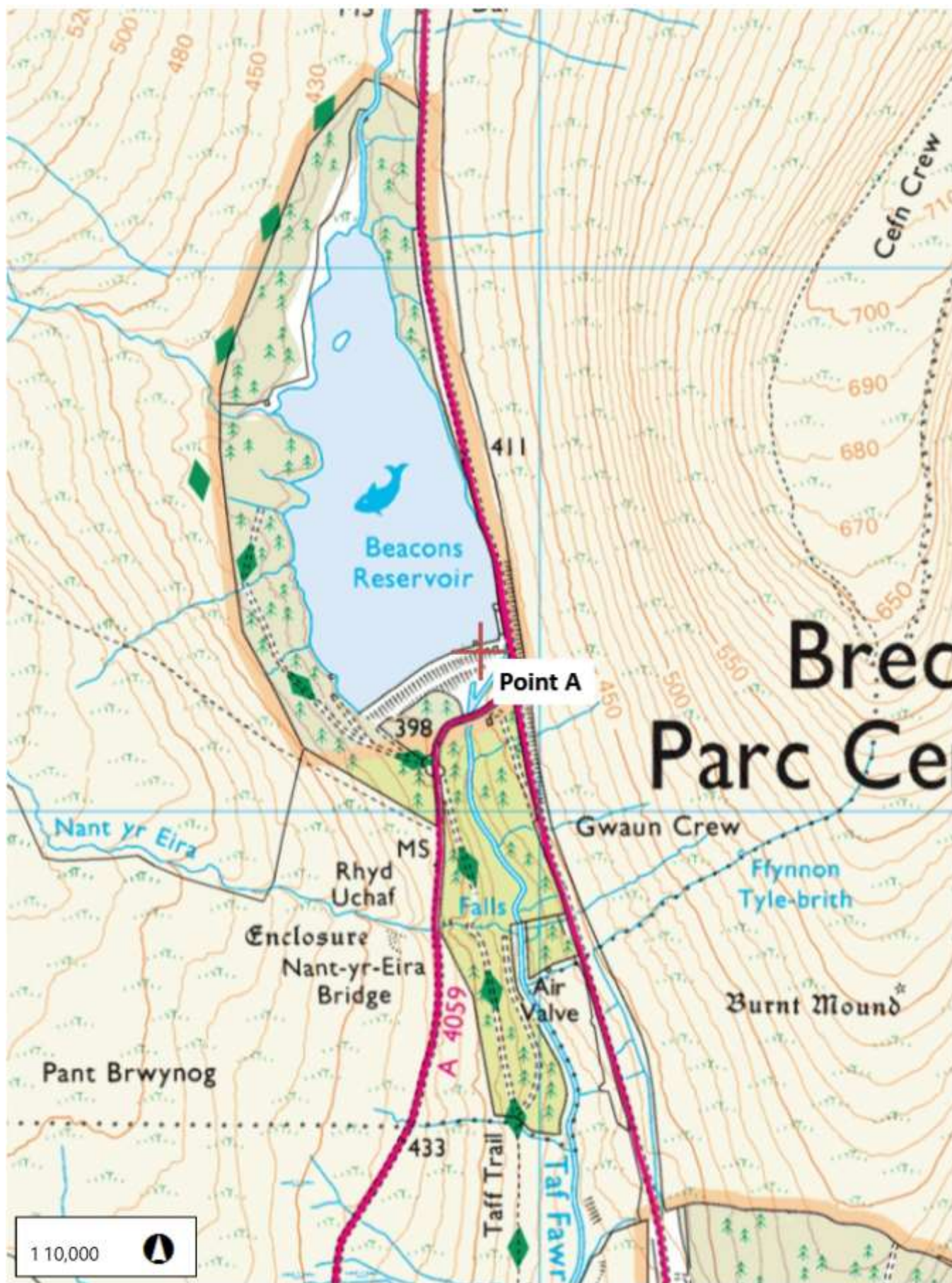
NRW will have regard to its Abstraction Metering Good Practice Manual (or equivalent guidance) in directing any of the following: where the meter should be located or how it should be installed; whether the meter measures accurately, and/or is properly maintained; whether it is necessary to require repair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

Screening

NRW will have regard to its Screening for Intakes and Outfalls: a Best Practice Guide (or equivalent guidance) in agreeing where, how and what type of fish screens should be installed and together with the results of any monitoring in determining whether the fish screens are properly effective and maintained, and in judging whether it is necessary to require repair or replacement of the fish screens.

Licence history

Licence Serial Number	Issue and Effective Date	Expiry Date	Summary of Changes
21/57/21/1	14/02/1966	-	Original licence issued for the purpose of public water supply.
21/57/21/1	31/08/1989	-	Licence varied to increase quantities.
21/57/21/0001/V002	17/11/2022	Schedule A: 31/03/2041	Licence varied to add power production purpose.



**Cyfoeth
Naturiol
Cymru**
**Natural
Resources
Wales**

MAP 1 ACCOMPANYING LICENCE NUMBER / MAP I GYFEILIO TRWYDDE RHIF

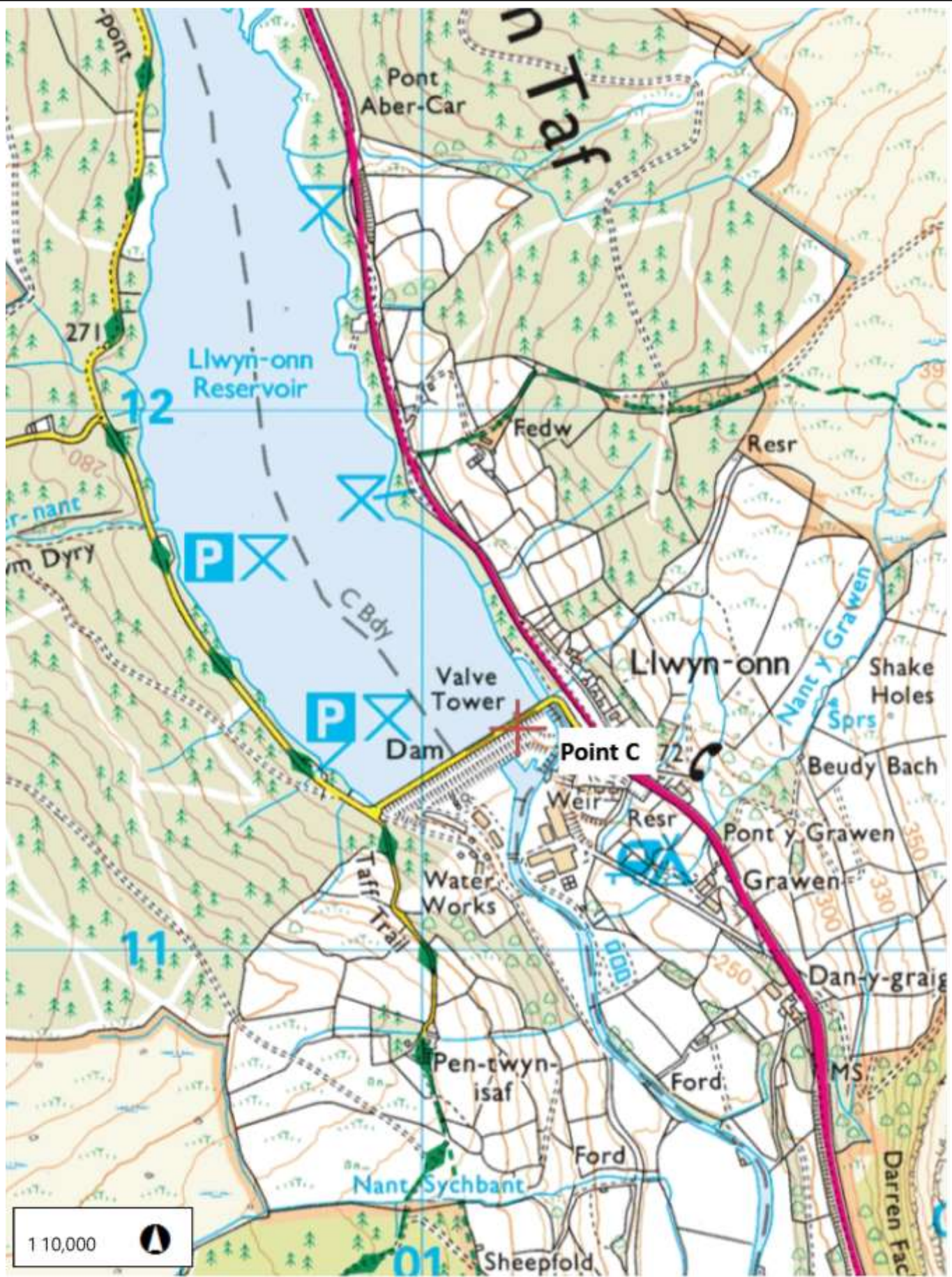
21/57/21/0001/V002

Scale I Graddfa 1:10,000

© Crown Copyright and database rights Ordnance Survey. Natural Resources Wales, 100019741, 2015. ©
Hawlfraint y Goron a hawl cronfa ddata Arolwg Ordans. Cyfoeth Naturiol Cymru, 100019741, 2015.







**Would you like to find out more about us,
or about your environment?**

**Then call us on
0300 065 3000 (Mon-Fri 9-5)**

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

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

**incident hotline 0300 065 3000 (24hrs)
floodline 0345 988 1188**



Environment first: This publication is printed on paper made from 100 per cent previously used waste. By-products from making the pulp and paper are used for composting and fertiliser, for making cement and for generating energy.