



---

## **Water Resources LICENCE TO**

### **IMPOUND**

## **WATER**

Water Act 2003  
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 and you should keep it safe, probably with the deeds to the land.

The impounding works may also be conditional on, or otherwise involve, you entering into a related agreement with Natural Resources Wales. This may be registered and will bind the land. It will therefore affect not only you, as the licence holder, but also your successors in title to the land. This licence and any such Agreement should therefore be disclosed on any change of title or occupation.

## Scope of this licence

This licence has effect only for the purposes of Part II of the Water Resources Act 1991 as amended by the Water Act 2003. In granting this licence, and in considering any drawings submitted, you should assume that Natural Resources Wales has taken into account only considerations relevant to the conservation and proper use of water resources in the area. Grant of this licence does not imply that Natural Resources Wales has approved the details of construction of the impounding works, including whether the proposed construction is adequate or safe. The licence holder is entirely responsible for ensuring compliance with all other requirements. Grant of this licence does not in any way suggest that these have been fulfilled.

## Changes to the impounding works or revocation of this licence

If you want to alter the impounding works and/or the way you operate them, you will need to vary the terms of the licence (and, if applicable, the related agreement). If you want to revoke this licence, you may be required to satisfy certain conditions that Natural Resources Wales may specify for the removal of the works. Contact Natural Resources Wales at the address at the bottom of the front page of this licence if you want to vary or revoke this licence

## Transfer of this licence

If you need to pass this licence to someone else, you must contact Natural Resources Wales and obtain the appropriate application forms. The licence holder remains responsible for compliance with the terms of the licence until it has been transferred.

## 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.

## Other requirements for impoundments

Depending on circumstances, you may also have to comply with other legal requirements, i.e. apart from obtaining this licence, before carrying out or operating the impoundment. These may include:

- obtaining consent from Natural Resources Wales under section 109 Water Resources Act 1991 (relating to structures on main rivers);
- obtaining consent under section 23 Land Drainage Act 1991 from Natural Resources Wales or the relevant internal drainage board (relating to obstructions in watercourses);
- obtaining planning permission from the planning authority;
- complying with requirements of the Reservoirs Act 1975 (in relation to safety of larger raised reservoirs). Natural Resources Wales' predecessor the Environment Agency, became the regulatory body on 1 October 2004.
- obtaining consent from the owner of the other bank of the watercourse to the proposed impoundment;

- not contravening pollution control provisions of the Water Resources Act 1991, particularly in relation to allowing matter to be carried away in suspension when sluices etc. are opened;
- complying with the provisions of the Salmon and Freshwater Fisheries Act 1975 relating to the passage of fish.

Some of these matters are under the control of Natural Resources Wales, but for administrative and legal reasons are kept separate from the issue of this licence. If you require information or assistance about them, contact Natural Resources Wales, and you will be directed to the right person to help you.

For advice about planning permission, contact the appropriate authority. The planning authority will normally be the district, borough or city council.

## Offences

This impounding licence authorises you, the licence holder, to obstruct or impede the flow of a specified inland water at a specified point by means of impounding works.

"Impounding works" means either, any dam, weir or other works by which water may be impounded; or, any works for diverting the flow of waters in connection with the construction or alteration of such dam, weir or other works.

Under the Water Resources Act 1991 it is an offence to construct or alter, or cause or permit any other person to construct or alter, any impounding works in inland waters or cause or permit the flow of any inland waters to be impeded or obstructed at any point by means of impounding works unless:

- an impounding licence is in force;
- the flow of the inland waters is not obstructed or impeded except to the extent and in the manner authorised by a licence;
- any other requirements of the licence, whether as to provision of compensation water or otherwise, are complied with.

It is an offence knowingly to make false statements for the purpose of obtaining a licence.

It may be an offence not to comply with the other legal requirements mentioned above for details, check with Natural Resources Wales or the authority concerned.

## 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 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.  
The telephone number is 0117 372 8235.

If you are in Wales, you should write to Welsh Government care of The Planning Inspectorate at:

Crown Buildings, Cathays Park, Cardiff, CF10 3NQ.  
The telephone number is 029 2082 3857.

You must serve notice of appeal within 28 days of the date of receipt of this licence (although the Secretary and 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 on 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. In certain restricted circumstances it is possible to claim that information should be kept confidential. If you require more information about keeping information off the public register because it is confidential, please contact us by writing to the address shown at the bottom of the front page of the licence within 28 days of receiving this licence.



## LICENCE TO IMPOUND WATER

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

Rhondda Cynon Taf County Borough Council ("the Licence Holder")

2 Llys Cadwyn  
Taff Street  
Pontypridd  
CF37 4TH

This licence authorises the Licence Holder to obstruct or impede the flow of the inland water described in the Schedule of Conditions (to extent and manner authorised by those 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 revoked.

Signed:

A handwritten signature in blue ink, appearing to read "A. Lansdown".

Ashley Lansdown  
Permitting Team Leader  
Permitting Service  
Natural Resources Wales  
Welsh Government Offices  
Cathays Park  
King Edward VII Avenue  
Cardiff  
CF10 3NQ

Date of issue..... 11<sup>th</sup> September 2025

Date effective.....11<sup>th</sup> September 2025

This licence should be kept safe and its existence disclosed on any sale of the land and the impounding works to which it relates.

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 OF CONDITIONS

### 1. NAME OF INLAND WATER TO BE IMPOUNDED

- 1.1 Inland water (lake) known as an un-named (upper) lake on the River Dare at Dare Valley Country Park, Aberdare, Rhondda Cynon Taf.

### 2. POINT OF IMPOUNDMENT

- 2.1 At National Grid Reference SN 97752 02790 marked 'Point A' on the map.

### 3. MANNER AND EXTENT OF IMPOUNDMENT

- 3.1 Intake works consisting of modifications to an existing weir to include Coanda screens with 2 millimetre perforations, v-notch plate, 500 millimetre internal diameter gravity feed penstock pipe controlled by a gate valve and chamber, in accordance with the specifications and drawings:

'Weir Sections and Details 34564-HYD-XX-XX-DR-C-1610', Revision T02, dated 01/08/2025 and;

'Weir General Arrangement Plan 34564-HYD-XX-XX-DR-C-1010', Revision P03, dated 27/05/2025;

copies of which are appended to this licence, or such minor amendments to those documents that are accepted in writing by NRW prior to the date of commencement of construction.

### 4. FURTHER CONDITIONS

- 4.1 For the purpose of this licence, references to 'intake works' shall mean all works consisting of modifications to an existing weir to include Coanda screens with 2 millimetre perforations, v-notch plate, 500 millimetre internal diameter gravity feed penstock pipe controlled by a gate valve and chamber.
- 4.2 The Licence Holder shall ensure that during construction works, any subsequent maintenance works to the intake works, and when abstraction for the purpose of power production is not taking place, the flow in the Nant Dare is allowed to pass downstream unchanged in quantity and quality at all times.
- 4.3 Prior to commencement of the works authorised by this licence, the Licence Holder shall give 28 calendar days notice in writing to NRW of their intention to commence the authorised works.
- 4.4 The Licence Holder shall confirm to NRW in writing that the intake works have been constructed in accordance with the submitted specifications and drawing referred to in Condition 3.1 of this licence 28 calendar days before the scheme is commissioned or becomes operational.
- 4.5 The Licence Holder shall construct, operate and maintain the intake works in accordance with the specifications and drawing referred to in Condition 3.1 of this licence and keep them free from leakage and obstruction at all times.
- 4.6 The intake works authorised by this licence shall not be carried out in the

watercourse between 15<sup>th</sup> October and 15<sup>th</sup> May in any year.

- 4.7 Prior to the completion of the works authorised by this licence, the Licence Holder shall construct a plunge pool, with a minimum depth of 300 millimetres, across the width of the watercourse immediately downstream of the intake works specified in condition 3.1 to ensure the safe downstream passage of fish.

## **ADDITIONAL INFORMATION**

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

### **REASONS FOR CONDITIONS**

Conditions 4.1, 4.3, 4.4 and 4.5: to ensure the intake works are constructed, operated and maintained in accordance with the drawing and specifications agreed by NRW during the determination of this licence.

Conditions 4.2 and 4.5: to ensure a flow is maintained in the watercourse in order to maintain the riverine habitat for the conservation of the flora and fauna of the watercourse, and to ensure that the water environment is not impacted during construction and subsequent maintenance.

Condition 4.3: to start NRW's compliance process.

Condition 4.6: to avoid damage to fish during vulnerable life stages such as spawning, migration, emergence and early maturation.

Condition 4.7: to avoid damage to downstream migrating fish.

### **IMPORTANT NOTES**

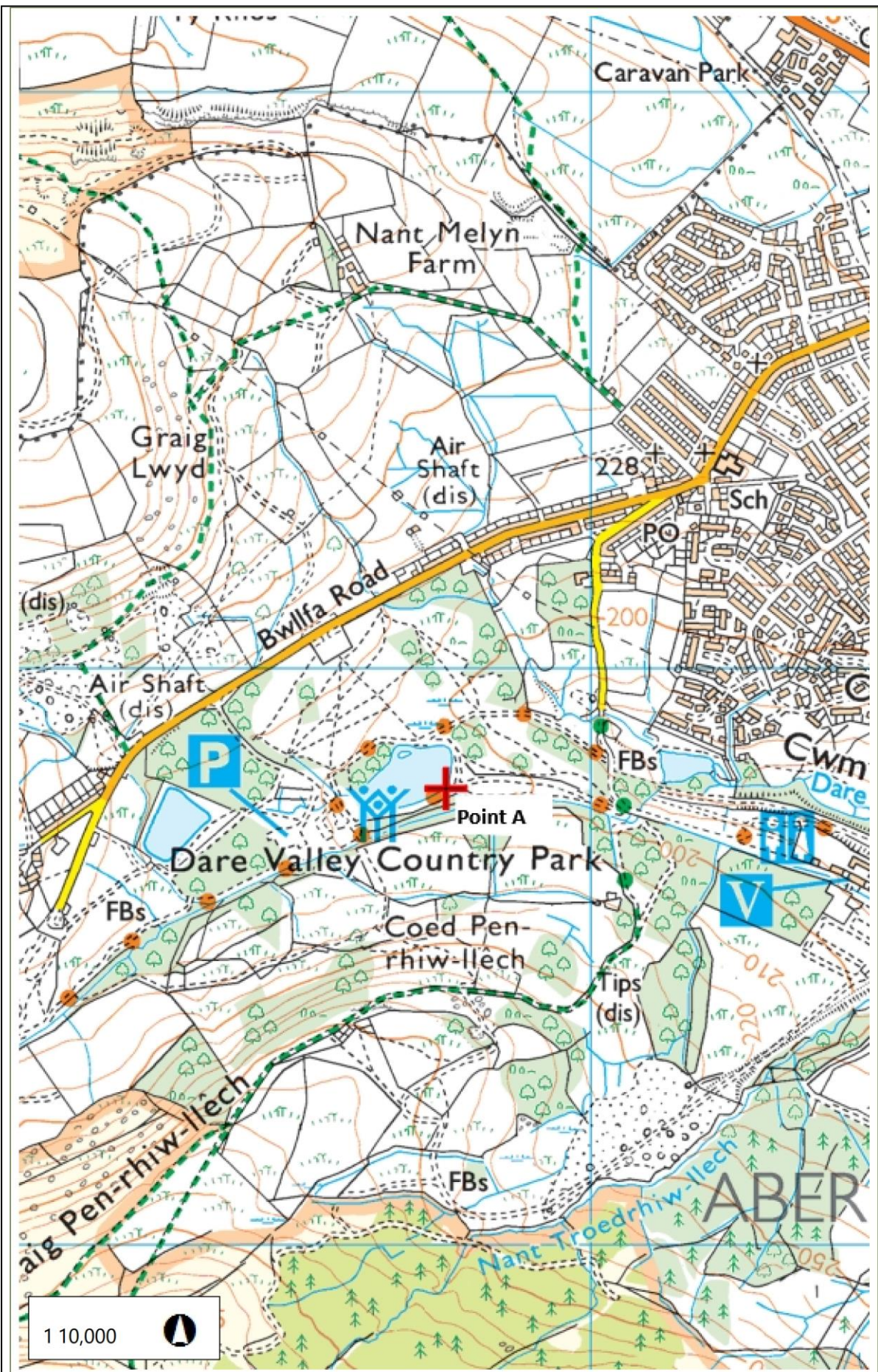
This impoundment licence facilitates the abstraction of water for a hydropower scheme authorised under licence serial number WA/057/0023/0010

For the purposes of Conditions 3.1, 4.3 and 4.4, the Licence Holder shall contact:

Senior Officer, People and Places  
People and Places South East  
Natural Resources Wales  
Rivers House  
St. Mellons Business Park  
Fortran Road  
St. Mellons  
Cardiff  
CF3 0EY

Tel: 0300 065 3000

Email: [nrp.southeast@cyfoethnaturiolcymru.gov.uk](mailto:nrp.southeast@cyfoethnaturiolcymru.gov.uk)



1:10,000 

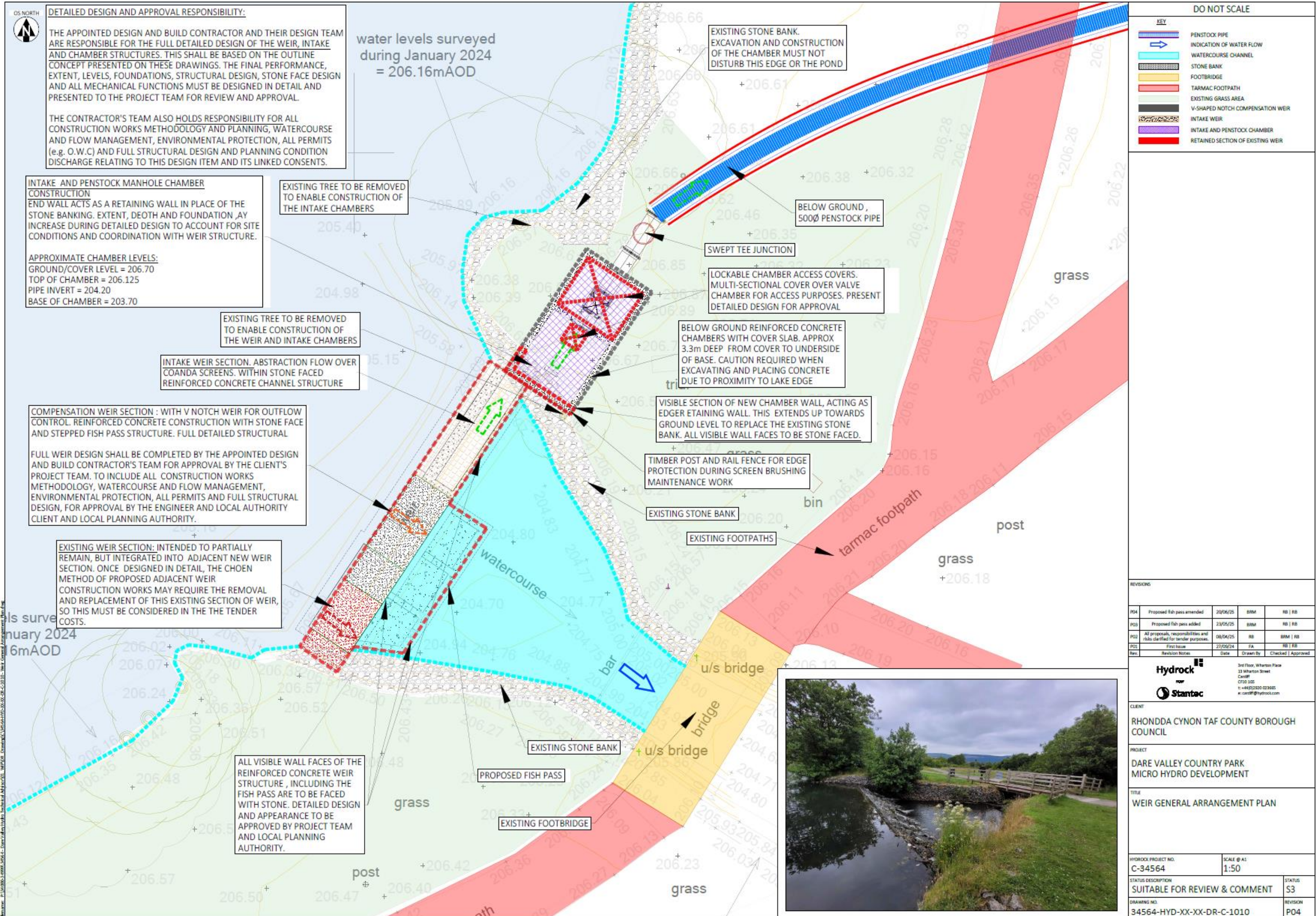


**MAP ACCOMPANYING LICENCE NUMBER / MAP I GYFEILIO TRWYDDED RHIF**  
WA/057/0023/0011  
Scale | Graddfa 1:10,000

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







**DETAILED DESIGN AND APPROVAL RESPONSIBILITY:**

THE APPOINTED DESIGN AND BUILD CONTRACTOR AND THEIR DESIGN TEAM ARE RESPONSIBLE FOR THE FULL DETAILED DESIGN OF THE WEIR, INTAKE AND CHAMBER STRUCTURES. THIS SHALL BE BASED ON THE OUTLINE CONCEPT PRESENTED ON THESE DRAWINGS. THE FINAL PERFORMANCE, EXTENT, LEVELS, FOUNDATIONS, STRUCTURAL DESIGN, STONE FACE DESIGN AND ALL MECHANICAL FUNCTIONS MUST BE DESIGNED IN DETAIL AND PRESENTED TO THE PROJECT TEAM FOR REVIEW AND APPROVAL.

THE CONTRACTOR'S TEAM ALSO HOLDS RESPONSIBILITY FOR ALL CONSTRUCTION WORKS METHODOLOGY AND PLANNING, WATERCOURSE AND FLOW MANAGEMENT, ENVIRONMENTAL PROTECTION, ALL PERMITS (e.g. O.W.C) AND FULL STRUCTURAL DESIGN AND PLANNING CONDITION DISCHARGE RELATING TO THIS DESIGN ITEM AND ITS LINKED CONSENTS.

**INTAKE AND PENSTOCK MANHOLE CHAMBER CONSTRUCTION**

END WALL ACTS AS A RETAINING WALL IN PLACE OF THE STONE BANKING. EXTENT, DEPTH AND FOUNDATION MAY INCREASE DURING DETAILED DESIGN TO ACCOUNT FOR SITE CONDITIONS AND COORDINATION WITH WEIR STRUCTURE.

**APPROXIMATE CHAMBER LEVELS:**  
 GROUND/COVER LEVEL = 206.70  
 TOP OF CHAMBER = 206.125  
 PIPE INVERT = 204.20  
 BASE OF CHAMBER = 203.70

EXISTING TREE TO BE REMOVED TO ENABLE CONSTRUCTION OF THE INTAKE CHAMBERS

EXISTING TREE TO BE REMOVED TO ENABLE CONSTRUCTION OF THE WEIR AND INTAKE CHAMBERS

INTAKE WEIR SECTION. ABSTRACTION FLOW OVER COANDA SCREENS. WITHIN STONE FACED REINFORCED CONCRETE CHANNEL STRUCTURE

**COMPENSATION WEIR SECTION :** WITH V NOTCH WEIR FOR OUTFLOW CONTROL. REINFORCED CONCRETE CONSTRUCTION WITH STONE FACE AND STEPPED FISH PASS STRUCTURE. FULL DETAILED STRUCTURAL

FULL WEIR DESIGN SHALL BE COMPLETED BY THE APPOINTED DESIGN AND BUILD CONTRACTOR'S TEAM FOR APPROVAL BY THE CLIENT'S PROJECT TEAM. TO INCLUDE ALL CONSTRUCTION WORKS METHODOLOGY, WATERCOURSE AND FLOW MANAGEMENT, ENVIRONMENTAL PROTECTION, ALL PERMITS AND FULL STRUCTURAL DESIGN, FOR APPROVAL BY THE ENGINEER AND LOCAL AUTHORITY CLIENT AND LOCAL PLANNING AUTHORITY.

**EXISTING WEIR SECTION:** INTENDED TO PARTIALLY REMAIN, BUT INTEGRATED INTO ADJACENT NEW WEIR SECTION. ONCE DESIGNED IN DETAIL, THE CHOEN METHOD OF PROPOSED ADJACENT WEIR CONSTRUCTION WORKS MAY REQUIRE THE REMOVAL AND REPLACEMENT OF THIS EXISTING SECTION OF WEIR, SO THIS MUST BE CONSIDERED IN THE TENDER COSTS.

ALL VISIBLE WALL FACES OF THE REINFORCED CONCRETE WEIR STRUCTURE, INCLUDING THE FISH PASS ARE TO BE FACED WITH STONE. DETAILED DESIGN AND APPEARANCE TO BE APPROVED BY PROJECT TEAM AND LOCAL PLANNING AUTHORITY.

EXISTING STONE BANK. EXCAVATION AND CONSTRUCTION OF THE CHAMBER MUST NOT DISTURB THIS EDGE OR THE POND

BELOW GROUND, 500Ø PENSTOCK PIPE

SWEPT TEE JUNCTION

LOCKABLE CHAMBER ACCESS COVERS. MULTI-SECTIONAL COVER OVER VALVE CHAMBER FOR ACCESS PURPOSES. PRESENT DETAILED DESIGN FOR APPROVAL

BELOW GROUND REINFORCED CONCRETE CHAMBERS WITH COVER SLAB. APPROX 3.3m DEEP FROM COVER TO UNDERSIDE OF BASE. CAUTION REQUIRED WHEN EXCAVATING AND PLACING CONCRETE DUE TO PROXIMITY TO LAKE EDGE

VISIBLE SECTION OF NEW CHAMBER WALL, ACTING AS EDGER ETAINING WALL. THIS EXTENDS UP TOWARDS GROUND LEVEL TO REPLACE THE EXISTING STONE BANK. ALL VISIBLE WALL FACES TO BE STONE FACED.

TIMBER POST AND RAIL FENCE FOR EDGE PROTECTION DURING SCREEN BRUSHING MAINTENANCE WORK

EXISTING STONE BANK

EXISTING FOOTPATHS

EXISTING STONE BANK

PROPOSED FISH PASS

EXISTING FOOTBRIDGE



DO NOT SCALE

**KEY**

- PENSTOCK PIPE
- INDICATION OF WATER FLOW
- WATERCOURSE CHANNEL
- STONE BANK
- FOOTBRIDGE
- TARMAC FOOTPATH
- EXISTING GRASS AREA
- V-SHAPED NOTCH COMPENSATION WEIR
- INTAKE WEIR
- INTAKE AND PENSTOCK CHAMBER
- RETAINED SECTION OF EXISTING WEIR

REVISIONS

Rev	Revision Notes	Date	Drawn By	Checked	Approved
PS4	Proposed fish pass amended	20/06/25	BRM	RB	RB
PS3	Proposed fish pass added	23/05/25	BRM	RB	RB
PS2	All proposals, responsibilities and risks identified for tender purposes.	08/04/25	RB	BRM	RB
PS1	First Issue	27/05/24	FA	RB	RB

**Hydrock**  
 3rd Floor, Wharton Place  
 13 Wharton Street  
 Cardiff  
 CF10 1JG  
 t: +44(0)2920 023605  
 e: card@hydrock.com

**Stantec**

CLIENT  
 RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL

PROJECT  
 DARE VALLEY COUNTRY PARK  
 MICRO HYDRO DEVELOPMENT

TITLE  
 WEIR GENERAL ARRANGEMENT PLAN

HYDROCK PROJECT NO. C-34564	SCALE @ A1 1:50
STATUS DESCRIPTION SUITABLE FOR REVIEW & COMMENT	STATUS S3
DRAWING NO. 34564-HYD-XX-XX-DR-C-1010	REVISION P04

**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](http://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.