

Wildcat Hydromotive  
Helygog. Brithdir  
Dolgellau  
Gwynedd LL40 2TT

Tel: 01341 450 200

Email: [wildcathydro@btconnect.com](mailto:wildcathydro@btconnect.com)

30<sup>th</sup> August 2019

FAO Jennifer Pocock  
Permit Receipt Team  
Ty Cambria  
29 Heol Casnewydd  
Cardiff CF24 0TP

**Re: Afon Mynach, Licence no: 23/64/4/0077**

Dear Jennifer

I refer to our recent telephone conversation regarding licence renewal on the above site.

While planning permission was agreed, we were then advised that we needed a full sound test as there is a domestic property on the other side of the noisy river. Also, a factory opposite with plant hire and sales! We contacted Ted Stowell of Allied Hydro as we had previously worked together on other sites and we did have a professional sound test meter for this purpose.

Having carried out these tests, the information sent via Mrs J Jones (Snowdonia National Oarks) to a Mr E Thomas ( Gwynedd Council). This was immediately rejected on the grounds of 'Not enough detailed information'. In response to this outcome, we then contacted a specialist sound test company to carry 24 hour tests from all points.

These tests were carried in great detail and incurred considerable expense. The findings were sent to Mr Thomas and we were, again, told 'Not enough detail provided'.

Further tests were carried out for a period of 18 months and incredibly, the same reply was received on each occasion. At this point, we began to have reservations whether Mr Thomas possessed the necessary qualifications to make these decisions. Litigation was considered.

The upshot of this, was that we received a reply stating that they were now prepared to accept the original test figures from Ted Stowell and myself!

We are now 2 years behind schedule, added to that, I had a serious coronary episode which resulted in my being admitted to hospital as an emergency case.

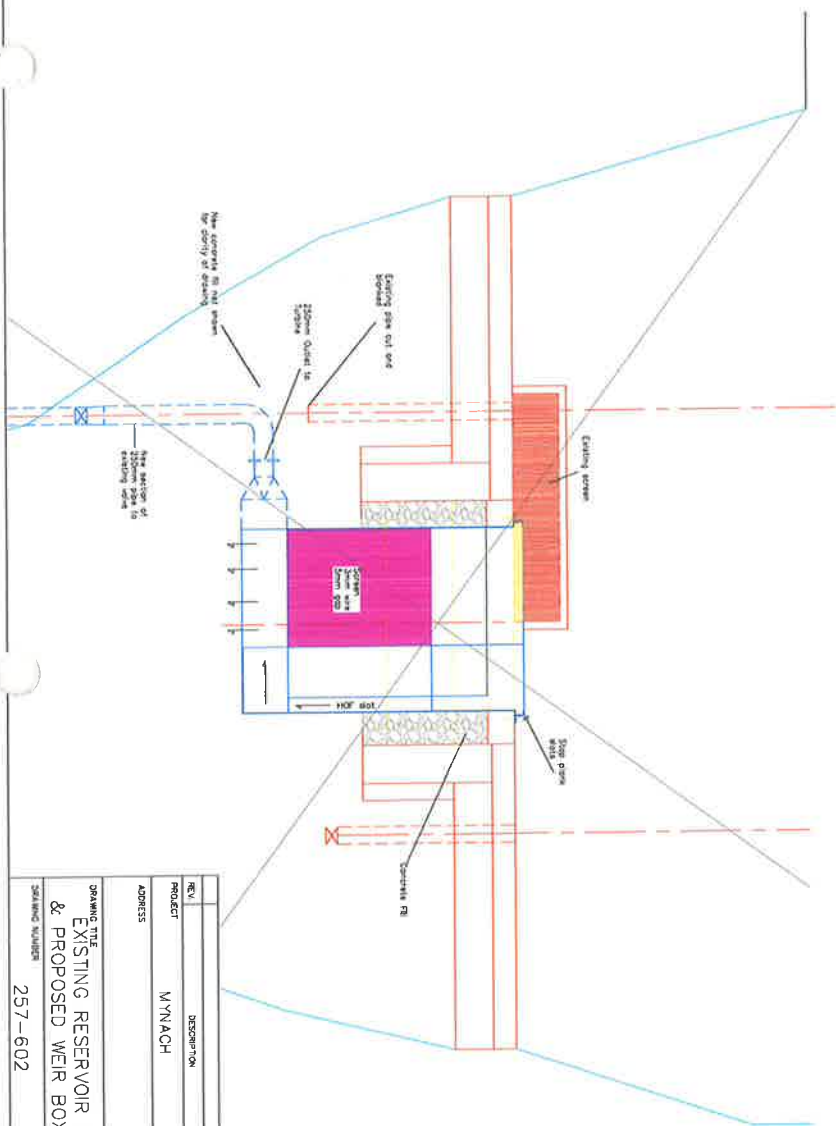
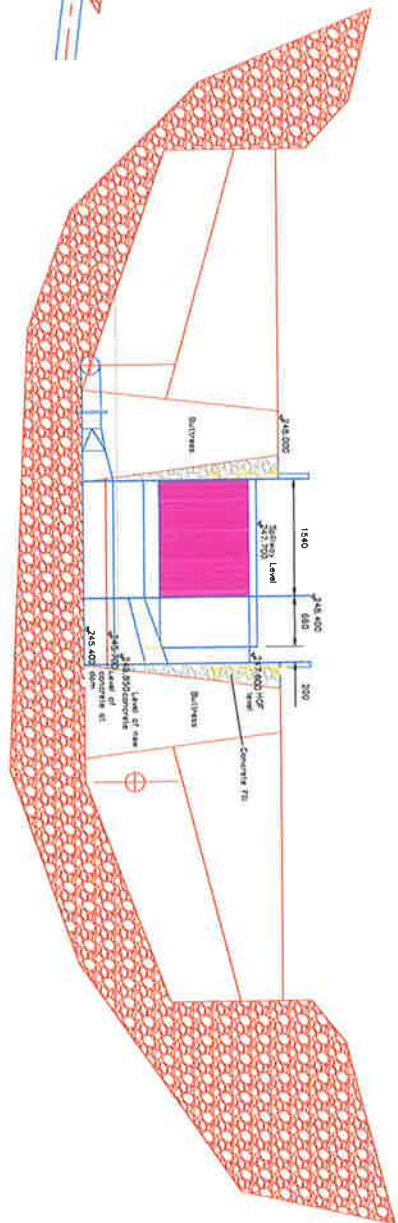
I hope you will take this information into consideration on my licence application.  
I enclose form WRD and all relevent documentation.

Thanking you for your time in this unfortunate matter.

Yours sincerely,

Ian Richardson





REL	DESCRIPTION	SRAM	CHECKED	APPRO	DATE
PRODUCT	M/NACH	#PRODUCT No.	257		
ADDRESS					
DRAWING TITLE EXISTING RESERVOIR DAM GENERAL ARRG & PROPOSED WEIR BOX					
DRAWING NUMBER	257-602	SCALE	DATE	REVISION	
		1:100	29/01/19	C	

# Afon Mynach Borthmyreog TURBINE OUTPUT

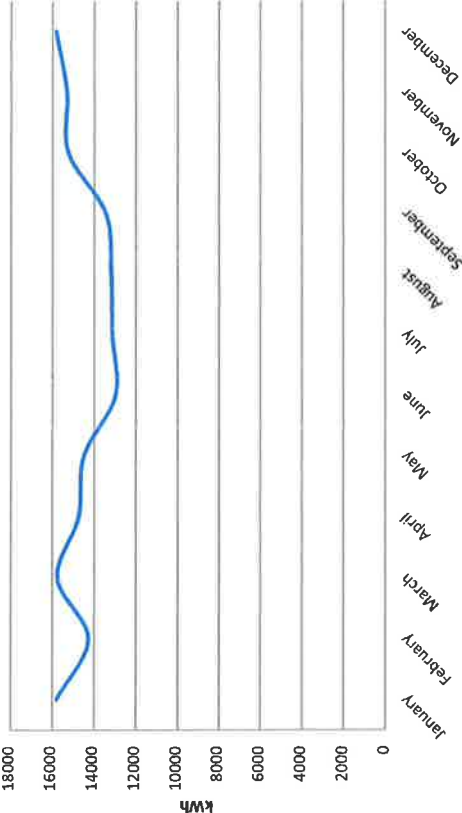
Turbine Full Load Output  
Load Factor  
Turbine Full Load Consumption

kW	21.6
%	92.9
l/s	70

## Annual Operation Summary

	Average Water Consumed By Turbine l/s	Average Turbine Power Output kW	Total Monthly Production kWh
January	68.8	21.2	15805
February	68.8	21.3	14281
March	68.2	21.2	15763
April	64.4	20.5	14737
May	60.3	19.5	14497
June	55.0	18.0	12983
July	54.1	17.7	13141
August	55.4	17.7	13192
September	58.4	18.7	13461
October	55.7	20.5	15249
November	68.5	21.3	15316
December	68.9	21.3	15831
Annual	63.0	19.9	174255

Turbine Output Profile



## Turbine Flow (l/s)

Exceedance Probability (Q#)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	70	70	70	70	70	70	70	70	70	70	70	70
10	70	70	70	70	70	70	70	70	70	70	70	70
20	70	70	70	70	70	70	70	70	70	70	70	70
30	70	70	70	70	70	70	70	70	70	70	70	70
40	70	70	70	70	70	70	70	70	70	70	70	70
50	70	70	70	70	70	70	70	70	70	70	70	70
60	70	70	70	70	70	67	64	70	70	70	70	70
70	70	70	70	70	70	51	50	59	70	70	70	70
80	70	70	70	70	55	39	38	41	48	70	70	70
90	70	70	70	53	37	27	25	24	30	65	70	70
95	70	67	67	40	29	22	19	14	21	43	70	70
99	57	57	48	28	18	15	13	9	12	25	50	60
Average	68.8	68.8	68.2	64.4	60.3	55.0	54.1	55.4	58.4	65.7	68.5	68.9

## Turbine Output (kW)

Exceedance Probability (Q#)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
10	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
20	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
30	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
40	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
50	21.6	21.6	21.6	21.6	21.6	20.5	19.9	21.6	21.6	21.6	21.6	21.6
60	21.6	21.6	21.6	21.6	21.6	18.7	18.2	21.6	21.6	21.6	21.6	21.6
70	21.6	21.6	21.6	21.6	21.6	15.1	15.1	16.2	17.7	21.6	21.6	21.6
80	21.6	21.6	21.6	19.3	14.8	10.9	9.8	9.5	12.0	20.1	21.6	21.6
90	21.6	21.6	20.5	15.9	11.5	8.6	7.5	4.9	8.4	15.9	21.6	21.6
95	17.5	17.5	17.5	11.1	7.2	5.9	4.4	3.2	4.2	9.8	18.2	21.6
99	21.2	21.3	21.2	20.5	19.5	18.0	17.7	17.7	18.7	20.5	21.3	21.3
Average	21.2	21.3	21.2	20.5	19.5	18.0	17.7	17.7	18.7	20.5	21.3	21.3

Specific Output (kW/l/s)

l/s	kW/l/s
0 sflow<	14.1
14.1 sflow<	28.1
28.1 sflow<	42.1
42.1 sflow<	56.1
56.1 sflow<	70.1
70.1 sflow<	84.1
	0.35
	0.40
	0.40
	0.37
	0.31
	0.23



**Cyfoeth  
Naturiol  
Cymru  
Natural  
Resources  
Wales**

## FULL LICENCE TO ABSTRACT WATER

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

Ian Richardson

("the Licence Holder")

Helygog  
Brithdir  
Dolgellau  
Gwynedd  
LL40 2SA

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, subject to Condition 9.12.

**Signed**

*ADavies*

**Date of issue** ..... 28 June 2013

Anwen Davies  
Permitting Team Leader  
Wales Permitting Centre (Cardiff)  
Natural Resources Wales  
Cambria House  
29 Newport Road  
Cardiff  
CF24 0TP

**Date effective** ..... 28 June 2013

**Date of expiry** ..... 31 March 2018

**Date of original issue** ..... 29 June 2007

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

Environment Act 1995

Water Resources Act 1991 as amended by the Water Act 2003

Water Resources (Abstraction and Impounding) Regulations 2006

Article 3 of the Natural Resources Body for Wales (Establishment) Order 2012

The Natural Resources Body for Wales (Functions) Order 2013



Swyddfa'r Parc Cenedlaethol / National Park Office  
Penrhyndeudraeth  
Gwynedd LL48 6LF

☎ (01766) 770274 / Rhif ffacs/Fax No (01766) 771211  
cynllunio@eryri.llyw.cymru



Gofynner am / Ask for: Mrs Jane Jones

Dyddiad / Date: 20/07/17

Mr. Ian Richardson  
Helygog  
Brithdir  
Dolgellau  
Gwynedd  
LL40 2SA

**Rhif Cais: NP5/54/40A**

**Disgrifiad y Datblygiad:**  
**Adeiladu ty tyrbin newydd mewn cysylltiad**  
**a cynllun trydan dwr presennol.**

**Safle / Lleoliad:**  
**The Old Creamery, Rhydymain.**

**Annwyl Syr,**

Ysgrifennaf atoch ynglŷn â'r cais cynllunio ar gyfer y datblygiad a ddisgrifir uchod. Atodir yr Hysbysiad o Benderfyniad sy'n rhoi caniatâd cynllunio.

Mae'r Hysbysiad o Benderfyniad yn bwysig. Fe ddylech ei ddarllen ar y cyd â'r cais ac unrhyw ddogfennau neu gynlluniau a gymeradwywyd.

Rhaid ymgymryd â'r datblygiad yn llwyr unol â'r cynlluniau a'r manylion a gymeradwywyd, gan sicrhau y cydymffurfir yn llawn â'r holl amodau. Os bydd angen cymeradwyaeth pellach a / neu gyflwyno rhagor o fanylion ar gyfer unrhyw un o'r amodau cyn i'r datblygiad neu'r defnydd ddechrau, rhaid bodloni gofynion yr amod cyn ymgymryd â'r datblygiad. Fe all methu â chyflawni'r datblygiad yn llwyr unol â'r cynlluniau a gymeradwywyd a / neu fethu â chydymffurfio ag unrhyw un o'r amodau annilysu eich caniatâd cynllunio ac fe all y datblygiad fod yn un diawdurdod.

Darllenwch yr Hysbysiad o Benderfyniad yn ofalus a gwnewch yn siŵr eich bod yn deall ac yn cydymffurfio â gofynion unrhyw amodau.

Os nad ydych chi'n deall unrhyw un o'r gofynion hyn, mae croeso i chi gysylltu â ni – cofiwch ddyfynnu'r cyfeirnod sy'n ymddangos ar yr Hysbysiad o Benderfyniad.

**Application No. : NP5/54/40A**

**Development Description:**  
**Erection of new turbine house in association**  
**with an existing hydro electric scheme.**

**Site / Location:**  
**The Old Creamery, Rhydymain.**

Dear Sir,

I refer to the planning application relating to the development as described above. Attached is the Decision Notice granting planning permission.

The Decision Notice is important. You must read it together with the application and any approved plans or documents.

Development must be carried out in complete accordance with the approved plans and details, together with the full compliance of all conditions. If any of the conditions require further approval and/or the submission of further details before development starts or the use begins, the requirements of the condition must be satisfied before a start is made on the development. Failure to carry out the development in complete accordance with the approved plans and/or failure to comply with any conditions may invalidate your planning permission and the development may be unauthorised.

Please carefully read the Decision Notice and ensure that you understand and comply with the requirements of any conditions.

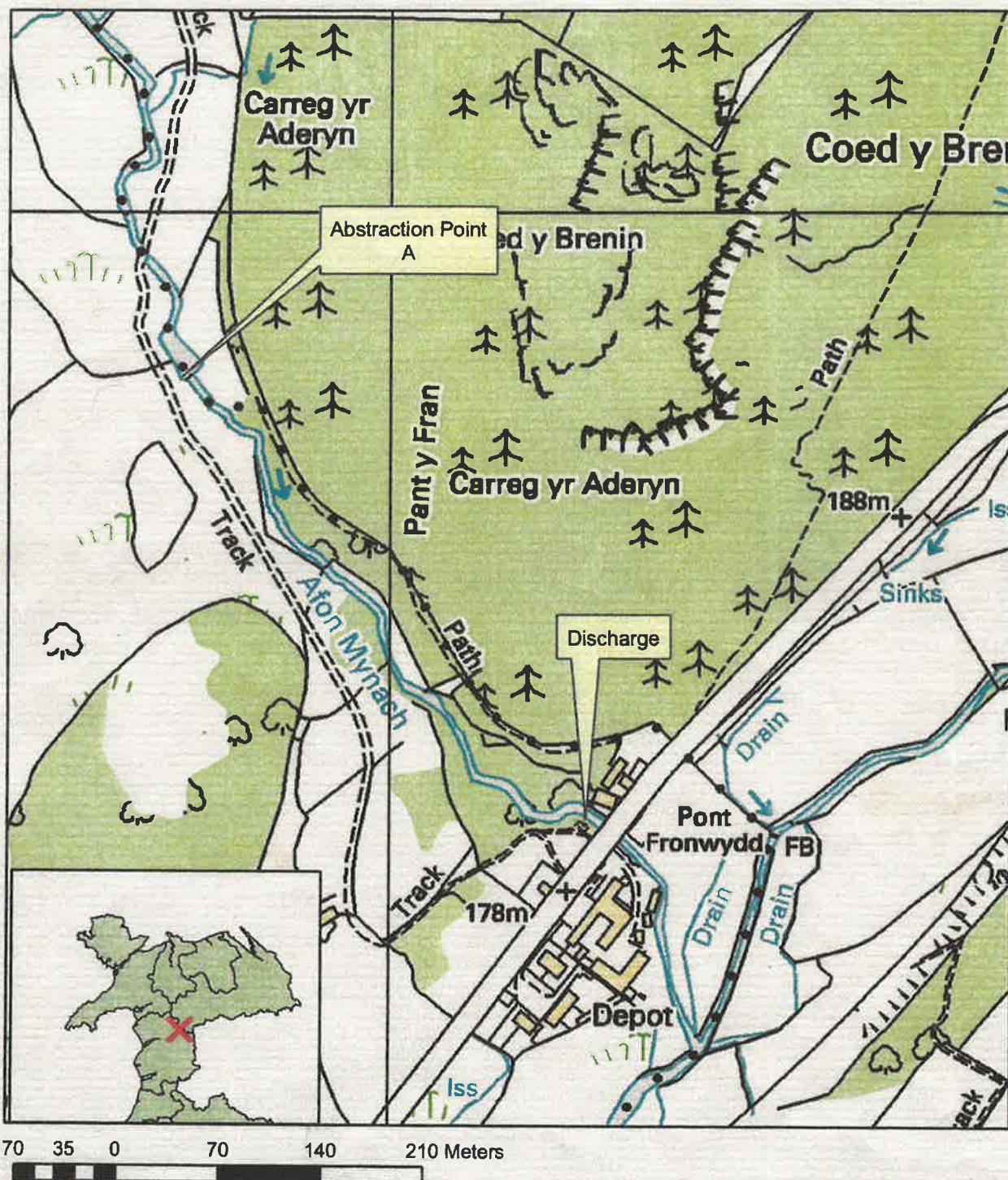
If you do not understand any of these requirements please contact us quoting the reference number on the Decision Notice.



Full Abstraction Licence  
 Ref. No.: 23/64/4/0077  
 Mr I Richardson  
 Afon Mynach



Asiantaeth yr  
 Amgylchedd Cymru  
 Environment  
 Agency Wales



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