

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: DWR CYMRU CYFYNGEDIG
CONSENTS REGULATION OFFICER
PLAS-Y-FFYNNON
CAMBRIAN WAY
BRECON LD3 7HP

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CG0014301

Nature of Discharge(s); SEWAGE EFF/STORM EFF/RAINFALL

at
LLANYSTUMDWY A STW - STORM OVE

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To:

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent:

Name:

Address:

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: * delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

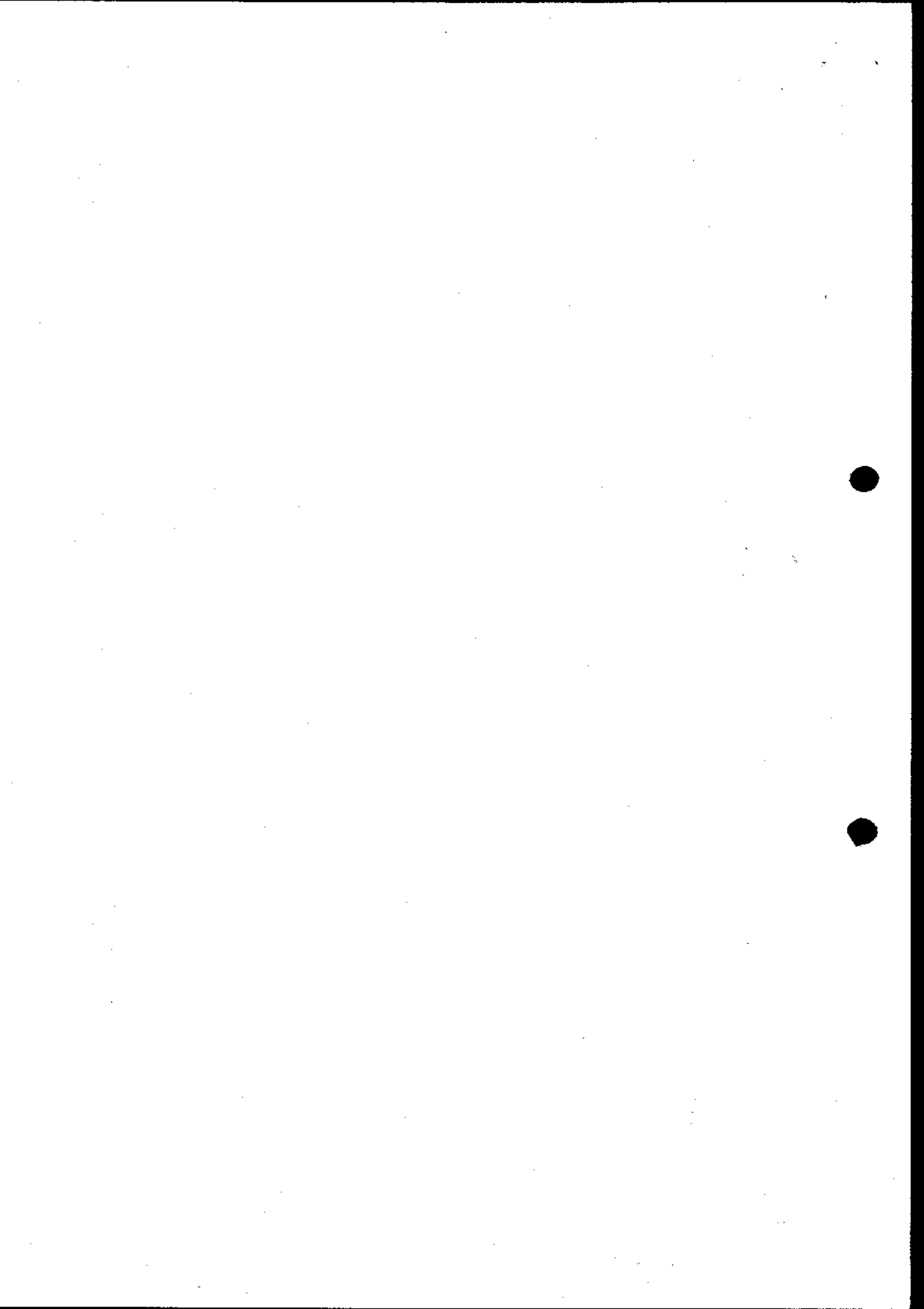
Date of Transfer to new Holder(s):

Signed: **Dated:**

Name (block capitals): **Position:**

forms completed by hand
on behalf of corporate bodies





143

APPLICATION No. *CV/41/45B*

GWYNEDD RIVER BOARD

RIVERS (PREVENTION OF POLLUTION) ACT 1961—SECTION 1
CONSENT TO A PRE-1951 DISCHARGE *CG00143-01*

To: **The Llwyn Iurnal District Council,
Metro Buildings,
Pwllheli,
Caernarvonshire.**

SH 4732 3838

Re: Storm Sewage Discharge - Llanystumdwy "No. 1" Sewage Disposal Works

The GWYNEDD RIVER BOARD HEREBY CONSENT under sub-section (4) of Section 1 of the Rivers (Prevention of Pollution) Act 1961 to the continuance of a discharge of trade or sewage effluent which commenced before 1st October 1951 to a stream within the area of the Board, viz: **to the Afon Dwyfawr, at a point on the left bank 220 yards downstream of Pont Llanystumdwy.**

This Consent is given subject to the following conditions:

1. The volume of storm sewage discharged being restricted to those flows exceeding a rate equivalent to 45,000 gallons per day (i.e., 6 times the dry weather flow).
2. Sampling facilities being provided and maintained at the outfall pipe to the stream.

The terms of this consent will not, without the consent in writing of the person to whom this consent is given (or his successor), be altered before the expiration of the period ending with the **1st** day of **December** 19 **63**.

Highfield,
Caernarvon.

[Signature]
Clerk of the Board.

20/11/63 19.....



Water Resources Act 1991

as amended by the Environment Act 1995

Consents to Discharge

Certificate of Holder



ASIANTAETH YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Part A

To: DWR CYMRU CYFYNGEDIG
PENTWYN ROAD
NELSON
TREHARRIS
MID GLAMORGAN CF46 6LY

Holder Start Date : 19 December 2003

NB: For a body corporate the job title is a point of contact.

The Environment Agency ("the Agency") hereby confirm that the above named person (or organisation) is a / the registered Holder of the Consent : CG0014301 Consent Issued : 19 December 2003

Nature of Discharge(s) SSOR Sewage effluent
at SH4730738381 LLANYSTUMDWY STORM TANKS

Note : This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else, you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the Holder but the registration of Holder may be transferred to a successor. To do this, please complete the form below (Part B), then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you will still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries, please contact your local Environment Agency office, quoting the Consent Reference.

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Part B

Please complete in block capitals or type

To: Water Resources Act 1991 : Notice of transfer of Consent to Discharge

Consent Reference : CG0014301

Name : DWR CYMRU CYFYNGEDIG

Consent Issued : 19 December 2003

Address : PENTWYN ROAD

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

I / We* hereby serve notice on the Agency that I / we* am / are* no longer a / the* Holder of the above consent which will be / was* transferred to : * delete as appropriate

Name(s) of the new Holder(s) :

Post Code :

Date of Transfer to new Holder(s) _____

Signed : _____

Dated : _____

Name (block capitals) : _____

Position (if appropriate) : _____

(to be completed when signing on behalf of corporate bodies)

Deddf Adnoddau Dwr 1991
fel y'i diwygiwyd gan Ddeddf yr Amgylchedd 1995



**ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES**

Caniatâd Gollwng

Tystysgrif Daliwr

Rhan A

**At : DWR CYMRU CYFYNGEDIG
PENTWYN ROAD
NELSON
TRESHARRIS
MID GLAMORGAN CF46 6LY**

DS: I gorfforaeth gorfforedig mae teitl y swydd yn bwynt cysylltu.

Dyddiad Cychwyn y Daliwr : 19 Rhagfyr 2003

Mae Asiantaeth yr Amgylchedd ("yr Asiantaeth") yn cadarnhau drwy hyn mai / bod y sawl (neu sefydliad) a enwyd uchod yw / yn ddaliwr cofrestredig y caniatâd : CG0014301 Cyhoeddwyd y Caniatâd : 19 Rhagfyr 2003

**Natur y Gollyngiad(au) : SSOR Carthffrwd
yn SH4730738381 LLANYSTUMDWY STORM TANKS**

Noder : Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb am y gollyngiad i rywun arall, rhaid i chi drosglwyddo'r caniatâd iddo ef neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. Ni all y Daliwr wadu cyfrifoldeb am y caniatâd, ond gall cofrestriad y Daliwr gael ei drosglwyddo i olynnydd. I wneud hynny, byddwch gystal â llenwi'r ffurflen isod (Rhan B), yna'i dychwelyd i'r cyfeiriad a nodir. Os fethwch â throsglwyddo'r caniatâd, hyd yn oed os nad ydych ar y safle mwyach, gallwch gael eich erlyn am achosi llygredd. Os trosglwyddwch y caniatâd ond heb ddweud wrthym, yna byddwch yn cyflawni trosedd. Os bydd gennych unrhyw ymholiadau a fydddech gystal â chysylltu â'ch swyddfa Asiantaeth yr Amgylchedd lleol, gan ddyfynnu Cyfeirnod y Caniatâd.

- torruch yma -

Rhan B

Llenwch mewn priflythrennau bras neu deipio

At : Deddf Adnoddau Dwr 1991 : Hysbysiad am drosglwyddo Caniatâd Gollwng

Cyfeirnod y Caniatâd : CG0014301

**Cyhoeddwyd y 19 Rhagfyr 2003
Caniatâd :**

Enw : DWR CYMRU CYFYNGEDIG

Cyfeiriad : PENTWYN ROAD

NELSON

TRESHARRIS

MID GLAMORGAN CF46 6LY

Yr wyf fi / Yr ydym ni drwy hyn yn hysbysu'r Asiantaeth nad fi / ni mwyach yw* Daliwr / Deiliaid y caniatâd uchod a fydd yn cael / cafodd ei drosglwyddo i*

** dilêr fel yn briodol*

Enw(au) y Daliwr / Deiliaid newydd :

Côd Post :

Dyddiad Trosglwyddo i'r Daliwr / Deiliaid newydd :

Llofnodwyd :

Enw (priflythrennau bras) :

Dyddiedig :

Swydd (os yn briodol) :

(i'w llenwi pan yn llofnodi ar ran corfforaethau corfforedig)



ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. WP/RP/CG0014201/0014301/0041401

Dyddiad/Date: 20th November 2003

COPY

Euros Jones
CCW,
North West Area,
Llys y Bont,
Ffordd y Parc,
Parc Menai,
Bangor,
Gwynedd, LL57 4BH

Dear Mr Jones,

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER EMERGENCU OR STORM CONDITION BY DWR CYMRU CYF FROM LLANYSTUMDWY, LLANYSTUMDWY, NR CIRICCIETH, GWYNEDD, LL52 0SY
APPLICATION NO: CG0014201/0014301/0041401**

I append a copy of the application for consent to discharge received from Dwr Cymru Cyf and Appendix 11. If you have any comments regarding this application could you please respond by 4th December 2003.

Yours sincerely

Kelvin Graham
Team Leader Customer Contact & Authorisations

Please ask for Ruth Prichard ext 4502

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer. Bwcle, Sir y Fflint CH7 3AJ
Ffôn 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire, CH7 3AJ
Tel 01244 550124 Fax 01244 550144



300



num. order.



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Amgylchedd Cymru
Environment
Agency Wales

**ENVIRONMENT AGENCY WALES
NORTHERN AREA
CONSENT REVIEW 2004**

UWWTD

[URBAN WASTE WATER TREATMENT DIRECTIVE 1991]

FILE NOTE

A snapshot of WRA 91 Discharge Consents qualifying for review under UWWTD was extracted from WIMS (EA electronic Public Register) on the 21st April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CG0014301	VERSION :	2		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	LLANYSTUMDWY STORM TANKS				
EXTANT CONSENT ISSUE DATE :	19/12/2003	EFFECTIVE DATE :	31/03/2004		
DWF (m ³ /day) :		MAX DAILY VOL. (m ³ /day) :	UNSPECIFIED	RATE (l/s) :	

Records held on WIMS show LLANYSTUMDWY STORM TANKS (CG0014301) to be extant under version 2 issued 19/12/2003 with descriptive consent conditions, effective 31/03/2004. The works is currently consented to discharge a max daily volume of UNSPECIFIEDm³/day effluent to the DWYFAWR at NGR SH4730738381.

UWWTD directive aims to deliver a standard level of sewage treatment throughout EC member states. This has been interpreted as prescribing a minimum of secondary biological treatment (package plant or equivalent) on all discharges made to a controlled surface water; or a minimum of primary (septic tank or equivalent) treatment on all discharges made to ground.

The discharge of UNSPECIFIEDm³/day effluent to 'DWYFAWR', for the purposes of this review, is described as 'irrelevant (intermittent discharge that does not qualify under UWWTD)'. This treatment / receiving water combination has been assessed* as NON UWWTD under the UWWTD review. This consent is reviewed as NON UWWTD under UWWTD as of 01/09/2005.

* NB: the assessment of this Discharge Consent to meet UWWTD 'appropriate treatment' criteria is based solely on provision of the appropriate 'threshold' level of minimum treatment for the receiving medium. This review does not assess appropriateness in terms of the specific river needs of the receiving water stretch.

Iwan Williams
Regulatory Team Leader (Water Quality)



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ENVIRONMENT
AGENCY WALES

CONSENT NO.

CG0014301

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dŵr Cymru Cyfyngedig
Pentwyn Road
Nelson
Treharris
Mid Glamorgan CF46 6LY

In pursuance of an application by the consent holder for variation of consent, the
ENVIRONMENT AGENCY ("The Agency") in pursuance of its powers under the Water
Resources Act 1991 **HEREBY VARIES ITS CONSENT** to the making of a discharge **OF**
STORM SEWAGE as follows:

Settled Storm Sewage with respect to Consent No. CG0014301 issued on the 20th November
1963

FROM: Llanystumdwy 'A' Wastewater Treatment Works

AT: Llanystumdwy, near Criccieth

TO: the River Dwyfawr

HEREAFTER SUBJECT TO the conditions set out in the following schedule(s):

Settled Storm Sewage

Schedule No. CG0014301 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act
1991, no notice shall be served by the Agency, which alters the effect of variations made to this
consent, without the agreement in writing of the consent holder, during a period of 4 years from
the date this variation is issued.

This variation of consent is issued on the 19th day of December 2003
This variation of consent is effective from the 31st day of March 2004

Signed

Iwan Thomas
IWAN THOMAS

Environment Management Team Leader

CONSENT NO.	CG0014301
SCHEDULE NO.	CG0014301 01
DATE ISSUED	19th December 2003



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Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

CONDITIONS OF CONSENT TO DISCHARGE

Settled Storm Sewage ("the Discharge")

FROM: Llanystumdwy 'A' Wastewater Treatment Works, Llanystumdwy, near
Criccieth

NATURE

1. The Discharge shall consist solely of settled storm sewage.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a 150 millimetre diameter pipe;
 - (b) discharging to the River Dwyfawr
 - (c) at National Grid References SH 47307 38381;
 - (d) shown marked Consent Point on Plan CG0014301 as Annex 1.

SAMPLING POINTS

3. A sample point shall be provided and maintained at National Grid Reference SH 47320 38391, as shown marked 'Discharge Sample Point' on Plan number CG0014301 attached as Annex 1, or some other point as agreed in writing with the Agency, so that a representative spot sample of the Discharge may be obtained. The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown, that any sample of the Discharge taken at the said sampling point is a sample of what was being discharged into controlled waters.





CONSENT NO.	CG0014301
SCHEDULE NO.	CG0014301 01

VOLUME

4. The Discharge shall occur when and only for as long as, the storm tanks are full. The discharge of storm sewage to the storm tank shall only occur when the rate of flow at the inlet sewer is in excess of 3.25 litres per second due to rainfall and/or snow melt and shall consist only of flows in excess of this figure. The storm tanks shall be emptied automatically and their contents returned for full treatment as soon as practicable after cessation of the overflow to the storm tanks.
5. The capacity of the storm tank(s) shall be at least 26.6 cubic metres.

COMPOSITION

6.
 - (a) The discharge shall have passed, without prior comminution or maceration, through a screening device having apertures no greater than 6mm in two dimensions.
 - (b) The screening device shall be maintained in an efficient operational condition.
 - (c) All screenings must be removed and disposed of in a manner such as to prevent entry to the discharge.

WORKS OPERATION

7.
 - (a) The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.
 - (b) This condition does not require any alteration of the works or a change in the type of treatment used.



CONSENT NO.	CG0014301
SCHEDULE NO.	CG0014301 01



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Environment
Agency Wales

SUBSTANTIAL CHANGE

8. (a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
- (b) A discharge of trade effluent into the works is new if -
- (i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of effect of this consent; or
 - (ii) it is made by a third party and the discharge is authorised on or after that date.
- (c) A discharge of trade effluent into the works is altered if -
- (i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after date of effect of this consent ; or
 - (ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
- (d) An increase in the polluting effects of the discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristics of the discharge which are specifically regulated by other conditions of this consent schedule but it may be significant if it is caused by a change in some other characteristic of the discharge.
- (e) For the purposes of this condition "trade effluent" means -
- (i) any discharge by the sewerage undertaker other than
 - (1) domestic sewage from premises connected directly or indirectly to the works; or
 - (2) surface water run-off;
 - (ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.





CONSENT NO.	CG0014301
SCHEDULE NO.	CG0014301 01

UNAUTHORISED DISCHARGE

9. (a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.
- (b) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- (c) Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under Section 87 of the Water Resources Act 1991.

RECORDING AND REPORTING

10. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected the operation of the storm tanks. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected the operation of the storm tanks.

START DATE

11. Until discharge is permitted under the terms of this consent, the quality of the effluent from Llanystumdwy 'A' STW storm tanks shall be controlled under the terms of the consent issued on the 20th day of November 1963. There shall be no discharge under the terms of this consent until the 31st March 2004 or the end of commissioning of the works which ever is the sooner. The Consent Holder shall give the Agency at least 28 days written notice before making the discharge.

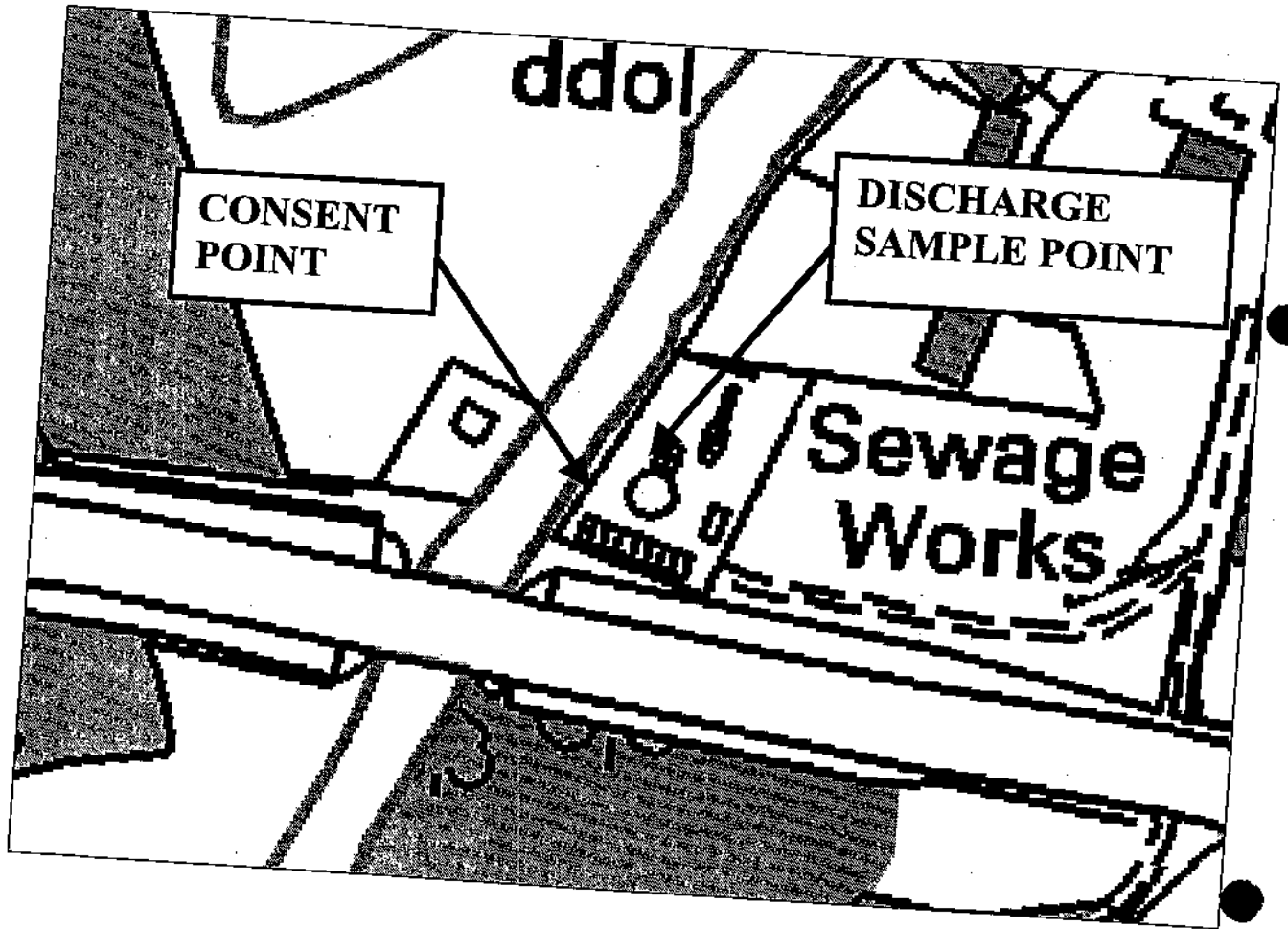
CONSENT NO. CG0014301



ASiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

ANNEX 1

PLAN No. CG0014301



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NOT TO SCALE





ASiantaeth Yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.
Ein cyf/Our ref. WP/RP/CG0014301
Enquiries Ruth Prichard
Dyddiad/Date: 21st December 2003

COPY

Environment Quality Scientist
Dwr Cymru Cyfyngedig
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Dear Sir/Madam,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE NO CG0014301.

Further to your application for variation of consent of the Agency to discharge under the provisions of Section 88 of the Water Resources Act 1991, I enclose the Agency's formal notice of the variations made to the conditions of the consent to discharge storm sewage from Llanystumdwy 'A' Wastewater Treatment Works, Llanystumdwy, near Criccieth.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. This charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This to ensure that the rights and charges associated with the Consent are transferred to the new holder. A certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer. Bwcle. Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Iwan Thomas Team Leader Environment Protection, Environment Agency, Llwyn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd, LL57 4DE

Yours sincerely,

Kelvin Graham
Team Leader Customer Contact and Authorisations
Enc.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



COPY

APPENDIX 11

Form HR01: Proforma for new applications within Stage 2 criteria.



ENVIRONMENT
AGENCY

Environment Agency Record of Assessment of Likely Significant Effect On A European Site (Stage 2)

The new application for a please fill in details detailed below is within the Stage I criteria of please fill in details, and in order to progress the application a Stage 2 assessment and consultation with EN/CCW is required.

PART A

To be completed by relevant technical/project officer in consultation with Conservation/Ecology section and EN/CCW

1. Type of permission/activity:	Water Resources Act (1991) (as amended by Environment Act 1995) consent to discharge
2. Agency reference no:	1 - CG0014201 2 - CG0014201 3 - CG0414101
3. National Grid reference:	SH 47307 38381
4. Site reference:	1 - Llanystumdwy 'A' WwTW Final Effluent (FE) Llanystumdwy Nr Criccieth Gwynedd L152 0SY 2 - Llanystumdwy 'A' WwTW (Storm) 3 - Llanystumdwy Pumping Station
5. Brief description of proposal:	An application to discharge: 1 - 280.5m ³ of sewage effluent per day into The Afon Dwyfawr through a conventional primary settlement and biological filter works. 2 - 401m ³ of sewage effluent per day into The Afon Dwyfawr through a conventional primary settlement and biological filter works with storm tank provided. 3 - 109.44m ³ of sewage effluent per day The Afon Dwyfawr through a conventional primary settlement and biological filter works.

<p>6. European site name(s) and status:</p>	<p>Pen Llyn a'r Sarnau/Lleyn Peninsula at the Sarnau cSAC UK0013117</p>	
<p>7. List of interest features:</p>	<p>Glanllynnau a Glannau Pen Y Chain I Gricieth SSSI</p> <p>1.11 – Coastal habitats (Sensitive to abstraction)</p> <p>1.12 – Estuarine and intertidal habitats</p> <p>1.13 – Submerged marine habitats</p> <p>2.9 – Mammals of riverine habitats</p> <p>2.12 – Marine mammals</p>	
<p>8. Is the proposal directly connected with or necessary to the management of the site for nature conservation?</p>	<p>No</p>	
<p>9. What potential hazards are likely to affect the interest features? (Refer to relevant sensitivity matrix and only include those to which the interest features are sensitive). Are the interest features potentially exposed to the hazard?</p>		
<p>Sensitive Interest Feature:</p>	<p>Potential hazard:</p>	<p>Potential exposure to hazard and mechanism of effect/impact if known:</p>

<p><u>1.11 Coastal habitats (sensitive to abstraction)</u> Atlantic salt meadows Salicornia and other annuals colonising mud and sand</p>	<p>A, b, d, f, g, h</p>	
<p><u>1.12 Estuarine and intertidal habitats</u> Estuaries Large shallow inlets and bays Mudflats and sandflats not covered by sea water at low tide</p>	<p>A, b, d, e, f, g, h</p>	
<p><u>1.13 Submerged marine habitats</u> Lagoons Reefs Sandbanks that are slightly covered by sea water all the time Submerged or partially submerged sea caves</p>	<p>A, b, d, e, g, h</p>	
<p><u>2.9 Mammals of riverine habitats</u> <i>Lutra lutra</i> - otter</p>	<p>A, b, c, d, e, g, h</p>	
<p><u>2.12 Marine mammals</u> <i>Halichoerus grypus</i> – grey seal <i>Tursiops truncatus</i> – bottlenose dolphin</p>	<p>A, e, g</p>	
<p><u>KEY:</u></p> <p>A – Toxic contamination B – Nutrient enrichment C – PH changes D – Changes to salinity regime E – Changes to thermal regime F – Physical damage G – Turbidity H - Siltation</p>		

10. Is the potential scale or magnitude of any effect likely to be significant?

<p>a) Alone? (explain conclusion, e.g. in relation to de minimus criteria)</p>	<p>No – See point 11</p>
<p>b) In combination with other plans or projects? (Explain conclusion and which plans/projects have been included, including those associated with other functions).</p>	<p>No – See point 11</p>

<p>11. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site? (justification – attach any relevant supporting information)</p>	<p>No – CG0414101 was a pre consent discharge of primary treated sewage effluent. The effluent from this site is now being pumped to the main site on the opposite side of the river.</p> <p>The only discharges which will occur from this site will be under storm and emergency conditions.</p> <p>Appropriate controls are in place to minimise the impact of any intermittent discharge, it is anticipated that this will have no detrimental impact.</p> <p>CG0014301 and CG0014201 show an improvement of sewage effluent, which include screening, a sewage effluent tank and re - circulation facilities. This is designed in improving the quality of final effluent.</p> <p>While existing storm tanks will continue to storm at least 2 hours worth of effluent based on flow to flow treatment.</p> <p>Consequently these works represent an improvement is not anticipated that the discharge will have a detrimental impact on a habitat site</p>	
<p>12. Name of EA Officer:</p>	<p>Charlotte Lloyd</p>	<p>Date: 20 / 11/ 03</p>
<p>13. EN/CCW comment on assessment:</p>		
<p>14. Name of EN/CCW Officer:</p>		<p>Date:</p>

IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope).

Part B - SUGGESTED SCOPE OF THE APPROPRIATE ASSESSMENT

•

15. EN/CCW Comment on scope of appropriate assessment:

16. Name of EN/CCW Officer:

Date:



ASiantaeth YR
AMGYLCHEDD
ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for ~~new consent~~/variation to an existing consent* to discharge
(* delete as appropriate)

Regional/Area Address: Discharge Consent Applications Environment Agency Wales Chester Road Buckley Flintshire CH7 3AJ	Official Use Only <i>Dist/Area Ref:</i> Application No. C9 0014301 Date Received: 08/10/03 Fee Received: 08/10/03
---	--

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all relevant sections and provisions of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld (see note xiii).

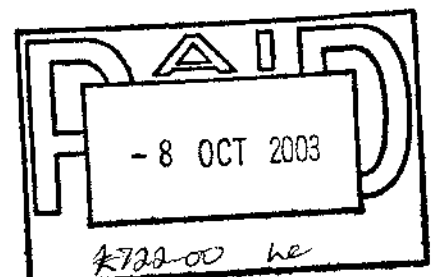
1 SITE ADDRESS

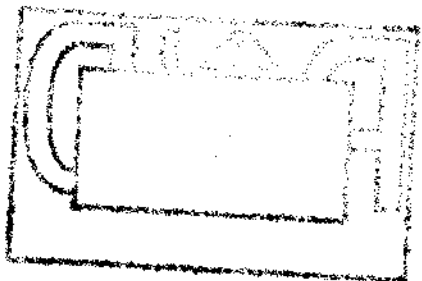
1.1 Address or other sufficient description of land or premises to which this application applies.

Llanystumdwy "A" WwTW
Llanystumdwy
Nr Criccieth
Gwynedd

Post Code:

LL52 0SY





2 DETAILS OF DISCHARGE(S)

2.1 State the nature of the discharge(s) (see note i and ii) - tick one or more boxes as appropriate:

- Sewage Effluent - volume of 5 cubic metres per day or less
- Sewage Effluent - volume greater than 5 cubic metres per day (**complete annex 1**)
- Sewage Effluent discharged under storm or emergency conditions (**complete annex 2**)
- Cooling Water (**complete annex 3**)
- Trade Effluent (*including site drainage*) (**complete annex 3**)
- Others (*please specify*)

2.2 Please state the maximum quantity it is proposed to discharge in any one day
 Briefly state how this figure was calculated (see note ii).

2.3 a) Indicate proposed means of discharge - tick as appropriate and show on plan:
 (for 1, 2 & 3 please state dimensions below)

- 1. Pipe 4. Borehole 7. Sub-Irrigation System
- 2. Channel 5. Well 8. Combination of 6 & 7
- 3. Culvert 6. Soakaway 9. Other (*please specify below*)

b) National Grid Reference(s) of point(s) of discharge (see note iii).

S	H	4	7	3	0	7	3	8	3	8	1
---	---	---	---	---	---	---	---	---	---	---	---

(please indicate on accompanying plans)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe and convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:

At the outlet At a manhole or sampling chamber

Other (*please specify*)

b) National Grid Reference(s) of sampling point(s) (if different from 2.3 b) above).

S	H	4	7	3	2	0	3	8	3	9	1
---	---	---	---	---	---	---	---	---	---	---	---

(please indicate on accompanying plans)

c) What flow measurement facilities will be provided (see note v)?
 Please give details.

2.5 a) Type of Treatment Plant(s) to be used (*please specify make and model*) - tick as appropriate:

Septic Tank Package Sewage Treatment Works Other

b) Will the treatment process involve the use of any chemicals (eg ferric salts, polyelectrolytes). If yes please give details. Y/N

2.6 a) On what date do you anticipate the discharge will commence?

b) If you require the consent for a limited time period please give dates; from:

to:

c) If the discharge is not continuous please detail the period/circumstances when it will occur.

2.7 a) Are there any existing consents for discharges from the premises (see note vi)? Y/N

If yes, please give the reference numbers (Any further information should be given in Section 5.3).

b) Has any person had a Prohibition Notice serviced on them in respect of this site? Y/N

If yes, please give the reference number.

3 SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

3.2 Please give details of the premises - tick as appropriate:

- | | | | |
|---|--------------------------|----------------------------|-------------------------------------|
| 1. Single Dwelling | <input type="checkbox"/> | 6. Fish Farm | <input type="checkbox"/> |
| 2. Multiple Dwellings | <input type="checkbox"/> | 7. Mineral Workings | <input type="checkbox"/> |
| 3. Industrial Premises | <input type="checkbox"/> | 8. Water Services plc STW | <input checked="" type="checkbox"/> |
| 4. Vehicle Parking Area | <input type="checkbox"/> | 9. Water Supply | <input type="checkbox"/> |
| 5. Commercial Premises (please specify) | <input type="checkbox"/> | 10. Other (please specify) | <input type="checkbox"/> |



3.3 Please indicate source of the water supply - tick as appropriate:

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Well | <input type="checkbox"/> | 5. River (please give name below) | <input type="checkbox"/> |
| 2. Borehole | <input type="checkbox"/> | 6. Estuary (please give name below) | <input type="checkbox"/> |
| 3. Precipitation (eg rain or snow) | <input type="checkbox"/> | 7. Coastal Water (please give name below) | <input type="checkbox"/> |
| 4. Mains (please state water supply company) | <input type="checkbox"/> | | |

Dwr Cymru Welsh Water (DCWW)

4 DETAILS OF RECEIVING ENVIRONMENT

4.1 Receiving Medium - tick the category(s) to which the proposed discharge(s) is(are) to be made:

- | | | | |
|--|-------------------------------------|---------------------------------|--------------------------|
| 1. Estuarial Water (tidal river or stream) | <input type="checkbox"/> | 5. Into Land | <input type="checkbox"/> |
| 2. River or Stream (non-tidal) | <input checked="" type="checkbox"/> | 6. Onto Land | <input type="checkbox"/> |
| 3. Canal | <input type="checkbox"/> | 7. Directly into Groundwater | <input type="checkbox"/> |
| 4. Lake, Lock or Pond | <input type="checkbox"/> | 8. Coastal Water (see note vii) | <input type="checkbox"/> |

State name of receiving water if known:

Afon Dwyfawr

4.2 In the case of sub-irrigation systems, soakaways or boreholes: **Not Applicable**

- (a) Is any part of the system within 5 metres of the boundary of the premises? Y/N
- (b) Is any part of the system within 10 metres of a watercourse? Y/N
- (c) Is any part of the system within 50 metres of a borehole or spring? Y/N
- (d) For wells and boreholes state dimension(s) in metres. N/A m
- (e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres. N/A m
- (f) For boreholes, state details of lining in metres:
- (i) Depth of lining N/A m
- (ii) Depth of perforated lining N/A m
- (iii) Depth of unperforated lining N/A m
- (g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided? Y/N

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)? Y/N
If yes, please give the reasons it is not practical to connect to it (eg distance, flow etc).

Not Applicable



5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

(a) Full name and postal address of applicant. This should be the person who will become the consent holder should consent be issued.

*Dwr Cymru Cyf

*Pentwyn Road

*Nelson

*Treharris

*Mid Glamorgan

*

Post Code: CF46 6LY

Daytime Telephone Number:

Company Registration Number (if appropriate): 2366777

(b) Agent (if any) - Full name and postal address.

*

*

*

*

*

*

Post Code:

Contact Name and Daytime Telephone Number:

5.2

Please give full name and address to which bills should be sent if different to that given above:

*

*

*

*

*

*

Post Code:

Daytime Telephone Number:

5.3 Are there any other factors to be taken into account? Please continue on a separate sheet if necessary.



DECLARATION

I/We:

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the Environmental Agency (see note x).
3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked (see note xi).
4. will pay required advertising costs (see note xii).
5. confirm that I/we* will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the consent.
6. confirm that the information given in this application and any questions which the Environment Agency may have about it is/will* be true to the best of my/our* knowledge, information and belief and am/are* not aware of any other facts or information which might affect the granting of a consent, or conditions which might be put on it (see note xiii).
7. confirm that I/we* will pay any annual charges due should a consent be granted ~~YES/NO~~*. If no please indicate who will be completing section 5.2 above (see note xiv).

(* Delete as appropriate)

SIGNED: <i>J.P. Edwards</i> PRINT NAME: <i>J.P. Edwards</i>
ON BEHALF OF: DWR CYMRU CYF..... DATED: <i>26/9/03</i>

CONFIDENTIALITY

I/we apply for commercial confidentiality and enclose a full written justification (see note xv).

SIGNED: DATED:

PLEASE RETURN THIS FORM TO THE ADDRESS GIVEN ON THE FRONT PAGE





**ANNEXE 2
SEWAGE EFFLUENT DISCHARGED IN STORM OR EMERGENCY CONDITIONS**

Please complete this annexe if you are proposing to make a discharge of sewage in emergency or storm conditions (if the effluent is to contain a trade component Annex 3 should also be completed).

<i>Official Use Only Application No.</i>
--

1. Site Name.

2. State the type of discharge - tick as appropriate:

Storm tanks	<input checked="" type="checkbox"/>
Combined Sewer Overflow from sewerage system	<input type="checkbox"/>
Combined Sewer Overflow from pumping station	<input type="checkbox"/>
Emergency overflow from sewerage system	<input type="checkbox"/>
Emergency overflow from pumping station	<input type="checkbox"/>
Other (please specify)	<input type="checkbox"/>

3. For effluents discharging from sewage treatment works, is the storm/emergency effluent discharged via the same outlet as the treated effluent? Y/N

If no please give:

a) the National Grid Reference of the treated effluent outlet.

b) the consent or application number covering the treated effluent discharge

If yes please give the National Grid Reference of the storm/emergency sampling point (see notes)

S	H	4	7	3	2	0	3	8	3	9	1
---	---	---	---	---	---	---	---	---	---	---	---

4. For effluents discharging from combined sewer overflows, is the discharge via a dedicated pipe? N/A Y/N

If no please give the National Grid Reference of the overflow into the sewer.



5. Overflow settings

- | | |
|---|----------|
| a) Overflow setting to storm tanks | 3.25 l/s |
| b) Maximum flow to storm tanks (Soc "A" less FFT) | 4.6 l/s |
| c) Overflow setting to storm sewage overflow | N/A l/s |
| d) Maximum flow to storm sewage overflow | N/A l/s |

6. Storage capacity

- | | |
|--|------------------------|
| a) Volume of Storm tanks | 26.6 m ³ |
| b) Retention time of storm tanks at maximum flow | 2.3h at FFT (3.25 l/s) |
| c) Storage capacity of sewer/wet well | N/A m ³ |

7. Please provide full details of the design criteria that have been used to support this application.

Refer to Llanystumdwy "A" WwTW Supporting Document dated September 2003

8. Will facilities be provided to raise alarms (eg telemetry)?

Y/N

If yes, please give details.

Operation of pumps transferring flows from "B" catchment to "A" inlet works is annunciated at Control Panel

9. Will facilities be provided to prevent the discharge of gross solids?

Y/N

If yes, please give details (for screens give bar spacing or aperture).

All flows entering the works including storm flows will be screened through 6mm particle size screen

10. What provisions will be made to deal with:

a) power failure (eg standby generators)?

Facility exists to allow portable equipment to be connected if required.

b) mechanical breakdown (eg standby pumps)?

Duty and Stand-by pumps are used to transfer flows from "B" catchment to "A" inlet works

c) rising main failure?

New rising main is provided to transfer flows from "B" catchment to "A" inlet works. No failure is anticipated

d) tanker access?

Yes via site access road

Notes (see also the notes on the main form):

Full details of the design criteria must be provided in order for the application to be determined. If you have any queries about what information is required please contact the person given in notes attached to the main form.





ANNEXE 4
WELSH REGION SUPPLEMENTARY INFORMATION ANNEXE

Please complete this annexe for every proposed discharge.

Official Use Only
Application No.

For all proposed discharges:

1. Site Name.

Llanystumdwy "A" WwTW

2. Is this application being made to reinstate a lapsed Consent?

Y/N

If so, please state the Number of the lapsed Consent:

IMPORTANT: If you are in need of advice on either part of Question 2, please contact the Agency Regional Consents Section on 01222 770088.

3. If the proposed discharge is to be made down a pipe, channel or culvert (as given in Section 2.3 of the main application form), please state the diameter (including units):

150 mm dia outlet pipe

4. Please indicate the anticipated cost of the proposed scheme, including any alternatives which may have been considered:

Approx. £170,000. This is for the installation of a new screen, installation of a new humus settlement tank, recirculation facilities for the biological filter, automated desludging of primary settlement tank and humus tank. The provision of a new pumping station to transfer flows from the "B" works to the "A" works inlet chamber (note new pumping station located on existing "A" works) together with CSO improvements in the "B" catchment has been costed at £300,000.

5. Is there any trade effluent component in the proposed discharge?

Y/N

If yes, please confirm here that you have completed and enclosed Annexe 3:

Tick



6. Will the proposed discharge be pumped or made under gravity? (please circle) Pumped / Gravity

If pumped, please state the maximum pump rate in l/sec:

For proposed discharges of sewage in storm or emergency conditions:

7. Please confirm here that you have completed and enclosed both Annexes 1 and 2: Tick
Only Annex 1 applicable for Final Effluent Consent Application

8. Please state:

Population served (head)	342 residents, 45 visitors to museum
Consumption (l/head/day) default = 180	180
Infiltration (m ³ /day)	92.5
Industrial effluent flow (m ³ /day)	0
Dry Weather Flow (m ³ /day)	155.13
Soc A (l/sec)	7.9
Predicted spill frequency (per annum)	Not known as "A" works catchment not modelled but less than current owing to proposed improvements at "A" works treatment process treating 1.3 l/s raw sewage flow from "B" and increased flow from "A" catchment of 1.9 l/s (current consented flow 1.4 l/s)

IMPORTANT NOTES FOR ALL CONSENT APPLICATIONS:

- Whoever signs the declaration on the main application form takes responsibility for the discharge, and will become the registered consent holder, if consent is given. In the case of a 'body corporate' (eg a public limited company ('plc'), limited, company, local authority), the 'body corporate' will be the registered consent holder, and the person with the delegated authority to sign on behalf of the 'body corporate' should give their job title.
- Agents making an application on behalf of a client, must attach their clients written authority.
- If the name and/or address of the applicant changes after submission of this application to the Environment Agency, the applicant must inform the Agency in writing.



Ein cyf/Our ref: CG0014201/CG0014301/CG0414101



ASiantaeth yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

Date: 13th October 2003

COPY

Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Dear Sir/Madam

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT BY DWR CYMRU CYF FROM LLANYSTUMDWY "A" WwTw, LLANYSTUMDWY, NR CRICCIETH, GWYNEDD, LL52 0SY
APPLICATION NO: CG0014201/CG0014301/CG0414101**

Thank you for your application for consent to discharge together with your application fee of £2166. It is receiving consideration and you will be hearing from us again shortly. Please state application CG0014201/CG0014301/CG0414101 in any correspondence with us relating to this application.

Yours faithfully

Kelvin Graham
Team Leader Customer Contact and Authorisations

Please ask for Ruth Prichard



