



CM0110201\_2006\_03\_02



ASiantaeth Yr  
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 21<sup>st</sup> April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CM0110201	VERSION :	2		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	ABENBURY STW				
EXTANT CONSENT ISSUE DATE :	30/01/1985	EFFECTIVE DATE :	30/01/1985		
DWF (m <sup>3</sup> /day) :	0.9	MAX DAILY VOL. (m <sup>3</sup> /day) :	0.9	RATE (l/s) :	

Records held on WIMS show ABENBURY STW (CM0110201) to be extant under version 2 issued 30/01/1985 with numeric consent conditions, effective 30/01/1985. The works is currently consented to discharge a max daily volume of 0.9m<sup>3</sup>/day effluent to the RIVER CYLWEDOG at NGR SJ3660048420.

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 0.9m<sup>3</sup>/day effluent to 'RIVER CYLWEDOG', for the purposes of this review, is described as 'secondary treated effluent to surface waters'. This treatment / receiving water combination has been assessed\* as APPROPRIATE under the UWWTD review. This consent is reviewed as APPROPRIATE 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)

*Iwan Williams*

# 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

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

Holder Start Date : 20 April 2005

The Environment Agency ("the Agency") hereby confirm that the above named person (or organisation) is a / the registered Holder of the Consent : CM0110201 Consent Issued : 20 April 2005

Nature of Discharge(s) STEC Sewage effluent

at SJ3655448403 ABENBURY WWTW

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.

- - - - - cut here - - - - -

#### Part B

Please complete in block capitals or type

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

Consent Reference : CM0110201

Name : DWR CYMRU CYFYNGEDIG

Consent Issued : 20 April 2005

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*



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ENVIRONMENT  
AGENCY WALES

**Caniatâd Gollwng**

Tystysgrif Daliwr

**Rhan A**

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

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

*Dyddiad Cychwyn y Daliwr : 20 Ebrill 2005*

*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 : CM0110201 Cyhoeddwyd y Caniatâd : 20 Ebrill 2005*

*Natur y Gollyngiad(au) : STEC Carthffrwd*

*yn SJ3655448403 ABENBURY WWTW*

*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 olynydd. 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.*

*- - - - - torrwrch yma - - - - -*

**Rhan B**

*Llenwch mewn priflythrennau bras neu deipio*

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

**Cyfeirnod y Caniatâd : CM0110201**

**Enw : DWR CYMRU CYFYNGEDIG**

**Cyhoeddwyd y 20 Ebrill 2005**

**Cyfeiriad : PENTWYN ROAD**

**Caniatâd :**

**NELSON**

**TREHARRIS**

**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 :** .....

**Dyddiedig :** .....

**Enw (priflythrennau bras) :** .....

**Swydd (os yn briodol) :** .....

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



ASiantaeth YR  
AMGYLCHEDD CYMRU  
ENVIRONMENT  
AGENCY WALES

Ein cyf/Our ref. IH/RP/CM0110201

Dyddiad/Date: 28<sup>th</sup> April 2005

Tony Andrews  
Environment Quality Scientist  
Dwr Cymru Cyf  
Pentwyn Road  
Nelson  
Treharris  
Mid Glamorgan  
CF46 6LY

F.A.O Jan Edwards

Dear Mrs Edwards,

**RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE  
ENVIRONMENT ACT 1995) MODIFICATION OF CONSENT TO DISCHARGE NO.  
CM0110201**

Further to our recent correspondence concerning the consent to discharge sewage effluent from Abenbury Wastewater Treatment Works, Cefn Road, Abenbury, Wrexham, I enclose the Agency's formal notice of the modifications made to the conditions of the consent.

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. The 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 is to ensure that the rights and charges associated with the Consent are transferred to the 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, Bwele, Sir y Fflint CH7 3AJ  
Ffon 08708 506 506, Ffacs 01244 550144

Environment Agency Wales  
Chester Road, Buckley, Flintshire CH7 3AJ  
Tel 08708 506 506 Fax 01244 550144



If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Iwan Williams, Team Leader Regulatory Water Quality, Environment Agency Wales, Chester Road, Buckley, Flintshire, CH7 3AJ.

Yours sincerely,

**Kelvin Graham**  
**Team Leader Customer Contact & Authorisations**

**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

CONSENT NO.	CM0110201
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ENVIRONMENT  
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

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

Following a review of the conditions of its consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY MODIFIES ITS CONSENT** to the making of a discharge **OF SEWAGE EFFLUENT**, as follows:

Biologically treated sewage effluent  
with respect to Variation No. CM0110201 issued on the 30<sup>th</sup> day of January 1985

**FROM: ABENBURY WASTEWATER TREATMENT WORKS**

**AT: CEFN ROAD, ABENBURY, WREXHAM LL13 0PA**

**TO: RIVER CLYWEDOG**

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

Biologically treated sewage effluent Schedule No. CM0110201 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 modifications made by this notice, without the agreement in writing of the consent holder, during a period of 4 years from the date this notice is served.

Dated this 20<sup>th</sup> day of April 2005

Signed.....  
*Iwan Williams*  
**IWAN WILLIAMS**  
**Regulatory Team Leader (Water Quality)**

Asiantaeth yr Amgylchedd  
Ffordd Caer, Bwcle, Sir Fflint CH7 3AJ Ffon 08708 506506 Ffacs 01244 550144

Environment Agency  
Chester Road, Buckley, Flintshire CH7 3AJ Tel 08708 506506 Fax 01244 550144





CONSENT NO.	CM0110201
SCHEDULE NO.	CM0110201 01
DATED	20 <sup>th</sup> April 2005

### CONDITIONS OF CONSENT TO DISCHARGE

**Biologically treated sewage effluent ("the Discharge")**

**FROM:** Abenbury Wastewater Treatment Works, Cefn Road,  
Abenbury, Wrexham LL13 0PA

#### NATURE

1. The discharge shall consist solely of biologically treated sewage effluent containing no trade effluent.

#### LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
  - (a) discharging via a pipe;
  - (b) discharging to the River Clywedog;
  - (c) at National Grid Reference SJ 36554 48403;
  - (d) shown marked 'Consent Point' on Plan CM0110201 attached as Annex 1.

#### SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SJ 36550 48415, as shown marked 'Discharge Sample point' on the Plan CM0110201 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.





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SCHEDULE NO.	CM0110201 01

#### VOLUME

4. The volume of the Discharge shall not exceed 2.7 cubic metres per day.

#### MAINTENANCE

5. The works shall be operated and maintained in accordance with good operational practice such that:
- (a) It remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;
  - (b) Following a failure all equipment shall be returned to normal operation as soon as practicable;
  - (c) Tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.

#### WORKS OPERATION

6. (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.

#### UNUSUAL WEATHER CONDITIONS

7. (a) No inspection of the sewage treatment works, made at a time when unusual weather conditions are adversely affecting the operation of the sewage treatment works, shall be taken into account in deciding whether or not conditions 5 or 6 of this consent schedule have been complied with.
- (b) For the purpose of this condition "unusual weather conditions" shall include:
- (i) low ambient temperatures as evidenced by effluent temperatures of 5°C or less, or by the freezing of mechanical equipment in the works;







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- (ii) significant snow deposits;
  - (iii) tidal or fluvial flooding;
  - (iv) weather conditions causing unforeseen loss of power supply to the sewage treatment which could not be ameliorated by the reasonable provision and operation of standby generation facilities.
- (c) On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the Consent Holder shall use its best endeavours to mitigate that adverse affect.
- (d) For an inspection of the sewage treatment works to be considered for the purposes of (a) above, the Consent Holder shall notify the Agency by telefax or telephone as soon as unusual weather conditions are known to have adversely affected operations and shall confirm the circumstances in writing as soon as possible thereafter (and in any event within 14 days of the occurrence of such conditions). That notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

#### RECORDING AND REPORTING

8. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. 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 effluent quality.
- (c) The Consent Holder shall supply the Agency with an annual written summary report confirming the operation of the maintenance programme.
- (d) The Consent Holder shall as soon as reasonably practicable report all non-routine actions that may have adversely affected effluent quality.





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### SUBSTANTIAL CHANGE

9. (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 variation 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.





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ENVIRONMENT  
AGENCY WALES

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#### UNAUTHORISED DISCHARGE

10. (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.



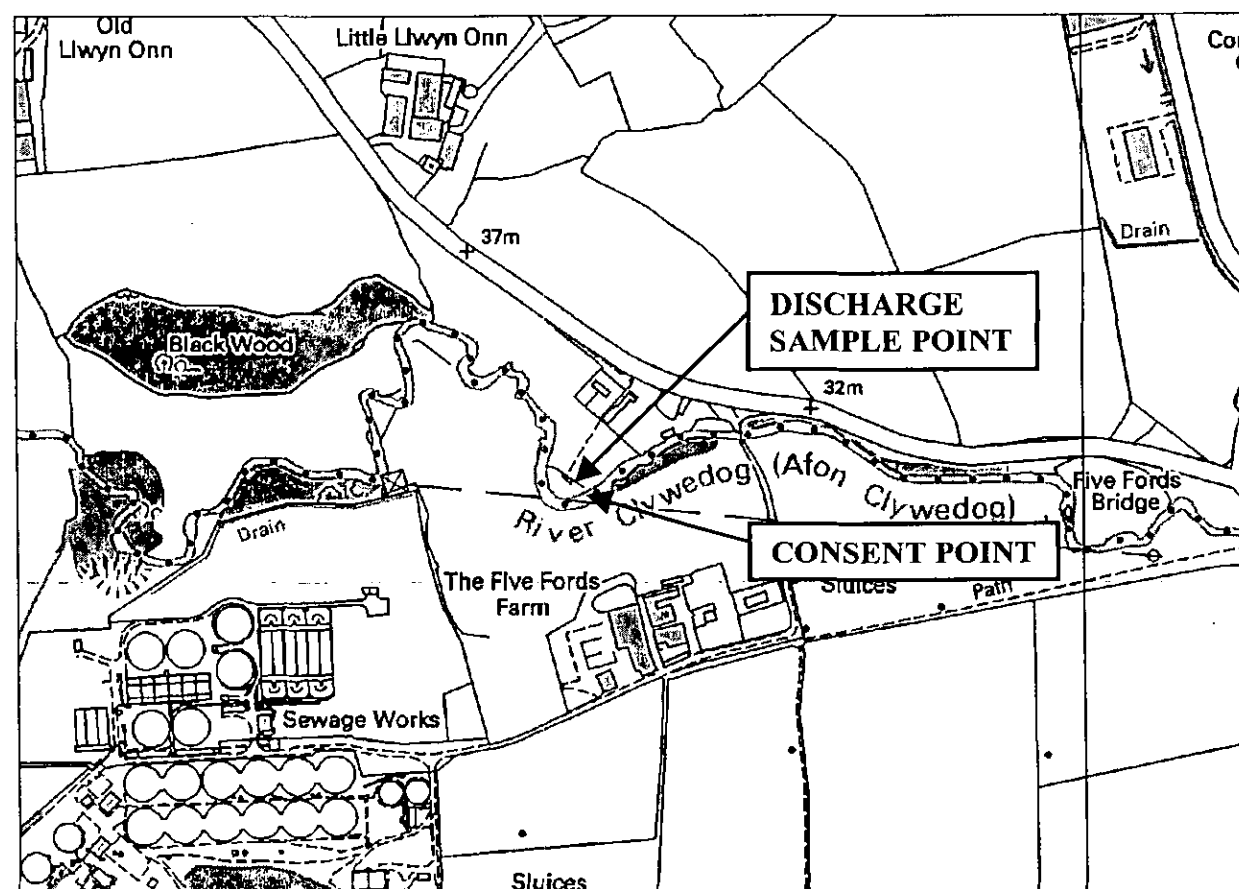
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Environment  
Agency Wales

ANNEX 1

PLAN No. CM0110201



NOT TO SCALE





WELSH WATER AUTHORITY

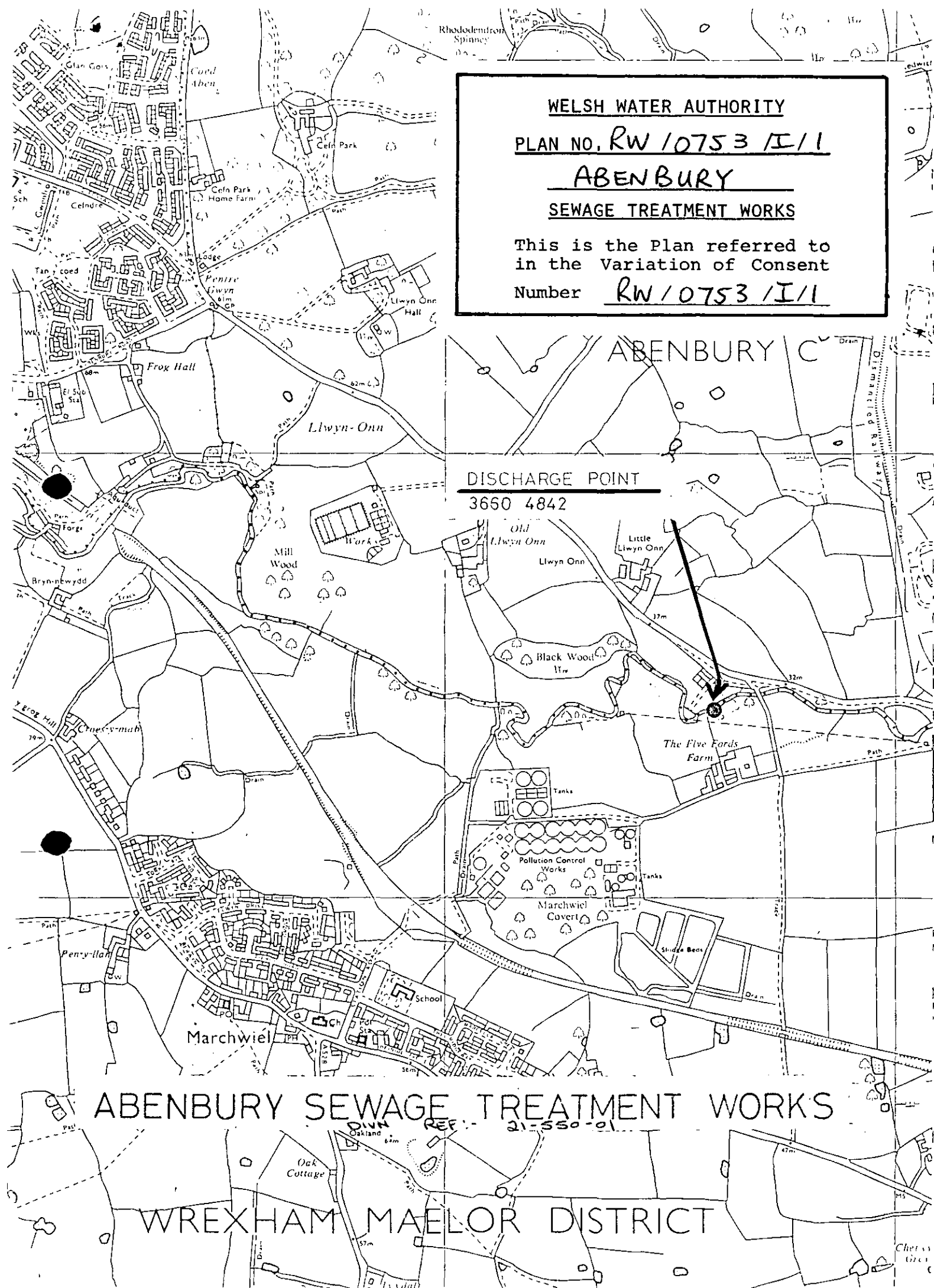
PLAN NO. RW 10753 I/I

ABENBURY

SEWAGE TREATMENT WORKS

This is the Plan referred to  
in the Variation of Consent

Number RW 10753 I/I



## CONSENT VARIATION

RIVERS (CONTROL OF POLLUTION) ACTS 1951-1961

THE WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

I am directed by the Secretary of State for Wales to refer to the discharge consent in respect of the .ABENBURY.... sewage treatment works dated .19...AUGUST.... 1982.

The Secretary of State for Wales, having consulted with the Welsh Water Authority, hereby gives notice that in exercise of his powers under Articles 4(8) and 8 of the Water Authorities (Control of Discharges) Order 1978 (SI 1978 No 1210), the conditions imposed on the said consent shall be varied in the following terms:

## CONDITIONS

The quality and quantity of effluent shall not exceed the following maximum values:

Biochemical Oxygen Demand (+ ATU) over 5 days at 20°C; ...250..... milligrammes per litre.

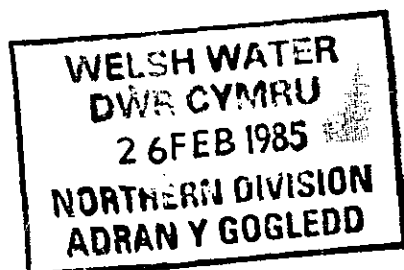
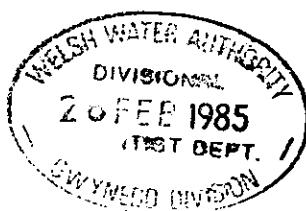
Suspended Solids dried at 105°C; ..... milligrams per litre.

Ammoniacal ammonia expressed as nitrogen ..... milligrams per litre.

Dry Weather Flow ..... litres per second or ...0.9.... metres cubed per day.

This variation takes effect from the .30... January 1985.

This notice should be retained with the consent dated .19...AUGUST.. 1982.



*George Roberts*  
WEP Division  
Welsh Office