

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 CG0094101

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at NEWBOROUGH STW

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:**



WATER RESOURCES ACT 1991

Under Section 88 and Schedule 10 of the Water Resources Act 1991 and all other enabling powers the National Rivers Authority hereby gives this Notice

R E V I E W O F C O N S E N T

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To : Dŵr Cymru Cyfyngedig

Of : Plas y Ffynnon, Cambrian Way, Brecon, Powys LD3 7HP

In respect of previous Consent No. CG0094101 issued on 1st July, 1992

For : A discharge of sewage effluent

To : Estuary

From : Newborough Sewage Treatment Works

This Consent shall not be taken as providing a statutory defence against a charge of pollution in respect of any poisonous, noxious or polluting constituents not specified herein.

THE FOLLOWING REPLACE ALL PREVIOUS CONDITIONS

1. The discharge shall consist only of biologically treated sewage effluent.
2. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via : A 300mm diameter pipe

Discharging to : The estuary of Afon Braint

At OS Grid Ref. : SH 4370 6414

As shown marked : "Discharge Point" on the attached plan No. CG0094101.

3. Adequate facilities, approved in writing by the Authority, shall be provided to enable representative samples of the discharge to be safely and conveniently obtained at any time at a sampling chamber at SH 4288 6530 as shown marked "Sampling Point" on the attached plan No. CG0094101.

continued.....

WATER RESOURCES ACT 1991
 Continuation Sheet

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4. The maximum volume of effluent discharged under dry weather flow conditions shall not exceed 570 cubic metres per day.
5. The maximum rate of flow of effluent discharged shall not exceed 104 litres per second.
6. The maximum volume of effluent discharged shall not exceed 1710 cubic metres per day.
7. Calibrated apparatus, approved in writing by the Authority, shall be provided and maintained in full working order, to permit the instantaneous rate of flow of effluent discharged to be measured accurately at any time.
8. The quality of the effluent discharged at all flow rates up to the maximum specified in condition 5 shall not inferior to the following lower tier numerical limits, except as provided for in the Annex 1.
 - (a) The lower tier 5 day Biochemical Oxygen Demand (BOD ATU), determined at 20 degrees Celsius after the suppression of nitrification using allyl thiourea, shall not exceed 24 milligrammes of Oxygen per litre of sample.
 - (b) The lower tier suspended solids concentration (dried at 105 degrees Celsius) shall not exceed 60 milligrammes per litre.
 - (c) The lower tier Ammoniacal Nitrogen concentration, expressed as Nitrogen, shall not exceed 26 milligrammes per litre.

continued.....

WATER RESOURCES ACT 1991
 Continuation Sheet

9. The Authority shall be informed in writing as soon as is reasonably practicable of any information received by Dŵr Cymru to the effect that there has been or is likely to be discharged into the sewerage system connected to the works, a significant increase in the quantity of any of the substances listed in the attached Annex 2.
10. For the purposes of this consent dry weather flow shall mean the average daily flow to the treatment works during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 mm on one day.
11. The effluent shall at no time contain any matter other than matters specifically authorised or limited by numerical conditions in this consent, to such an extent as to cause the receiving waters to be poisonous or injurious to fish or the spawning ground, spawn or food of fish.

This Notice is given on: 27th July, 1994	on behalf of the Authority
by:	Area Environmental Quality Manager

During the period ending with the: 26th July, 1996 the terms of this Notice will not be altered without the written agreement of the person making the discharge.

ANNEX 1

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Where the number of samples taken in any period of twelve consecutive months falls within any of the ranges within Column 1 of the table below, the number of samples which are inferior to the numerical quality limit in force at the time for any determinand shall not exceed the appropriate permitted number as listed in Column 2. A sample shall only be considered as having failed in relation to the particular determinand(s) for which the specified quality limit is exceeded. A sample shall be considered to be satisfactory in relation to other determinands the concentration of which are equal to or lower than the specified limit. This annex shall not apply to the upper tier limits.

TABLE

<u>Column 1</u>	<u>Column 2</u>
Number of samples taken in any period of 12 months	Maximum number of samples permitted to exceed limit for given determinand
4-7	1
8-16	2
17-28	3
29-40	4
41-53	5
54-67	6
68-81	7
82-95	8
96-110	9
111-125	10
126-140	11
141-155	12
156-171	13
172-187	14
188-203	15
204-219	16
220-235	17
236-251	18
252-268	19
269-284	20
285-300	21
301-317	22
318-334	23
335-350	24
351-365	25

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Dr JOHN STONER Rheolwr Cyffredinol Rhanbarthol / Regional General Manager

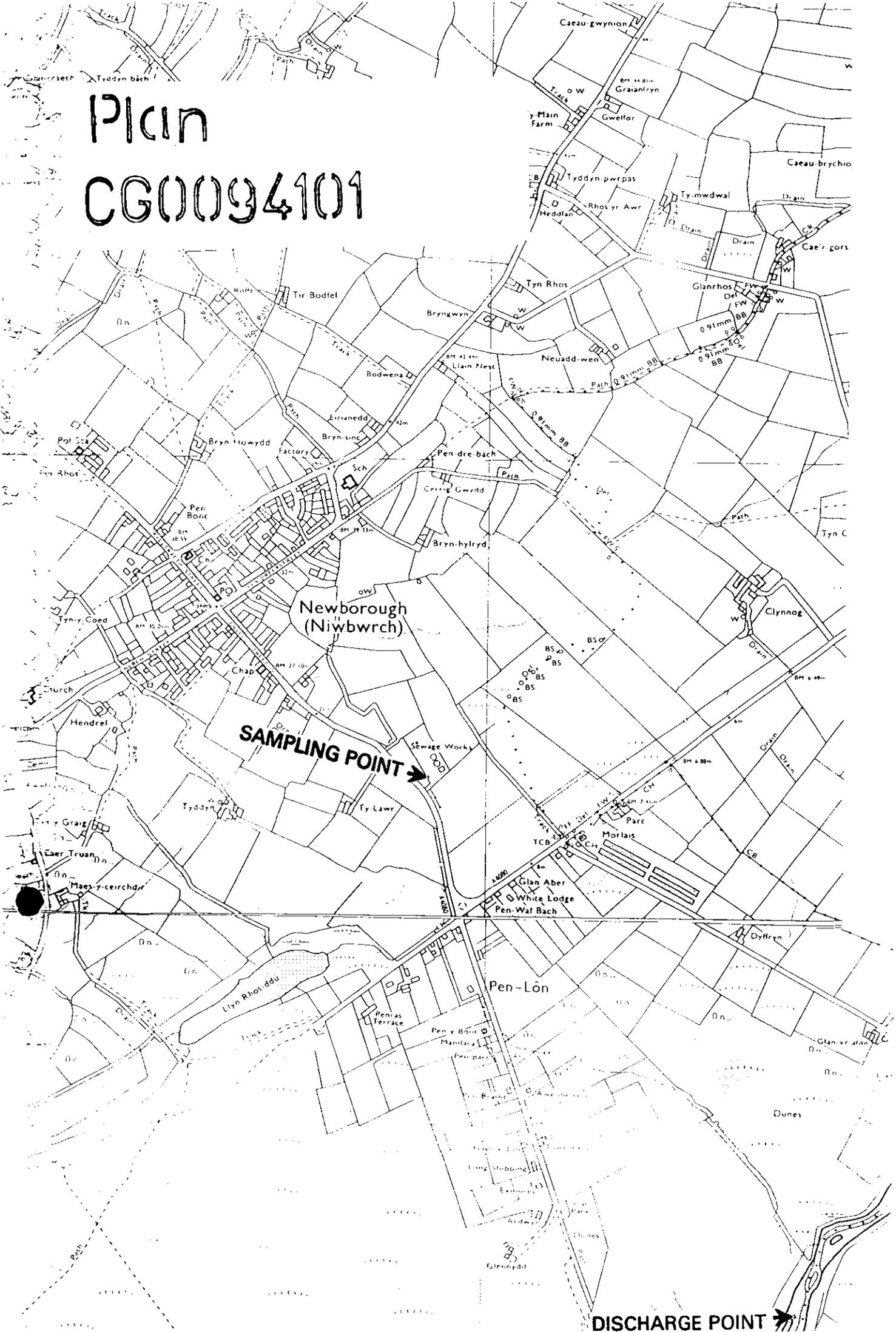
ANNEX 2

SUBSTANCE

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Mercury	Vanadium
Cadmium	PCSDs
g-Hexachlorocyclohexane	Cyfluthrin
DDT	Sulcofuron
Pentachlorophenol	Flucofuron
Hexachlorobenzene	Permethrin
Hexachlorobutadiene	Cyanide
Aldrin	Azinphos-ethyl
Dieldrin	Fenthion
Endrin	Parathion
Polychlorinated Biphenyls	Parathion-methyl
Dichlorvos	Trichloroethane
1,2 Dichloroethane	Dioxins
Trichlorobenzene	Isodrin
Atrazine	
Simazine	
Tributyltin compounds	
Triphenyltin compounds	
Trifluralin	
Fenitrothion	
Azinphos-methyl	
Malathion	
Endosulphan	
Carbon tetrachloride	
Chloroform	
Trichloroethylene	
Tetrachloroethylene	
Lead	
Chromium	
Zinc	
Copper	
Nickel	
Arsenic	
Iron	
pH	
Boron	

Plan CG0094101



SAMPLING POINT →

DISCHARGE POINT →



CG0094101_2006_02_27



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 21st April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CG0094101	VERSION :	3
OPERATOR :	DWR CYMRU CYFYNGEDIG		
DISCHARGE SITE :	NEWBOROUGH STW		
EXTANT CONSENT ISSUE DATE :	27/07/1994	EFFECTIVE DATE :	27/07/1994
DWF (m ³ /day) :	570	MAX DAILY VOL. (m ³ /day) :	1710
		RATE (l/s) :	104

Records held on WIMS show NEWBOROUGH STW (CG0094101) to be extant under version 3 issued 27/07/1994 with numeric consent conditions, effective 27/07/1994. The works is currently consented to discharge a max daily volume of 1710m³/day effluent to the ESTUARY OF AFON BRAINT at NGR SH4370064140.

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 1710m³/day effluent to 'ESTUARY OF AFON BRAINT', for the purposes of this review, is described as 'secondary treated effluent to coastal 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)