

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 BM0028101

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at
ABERCRAVE 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:

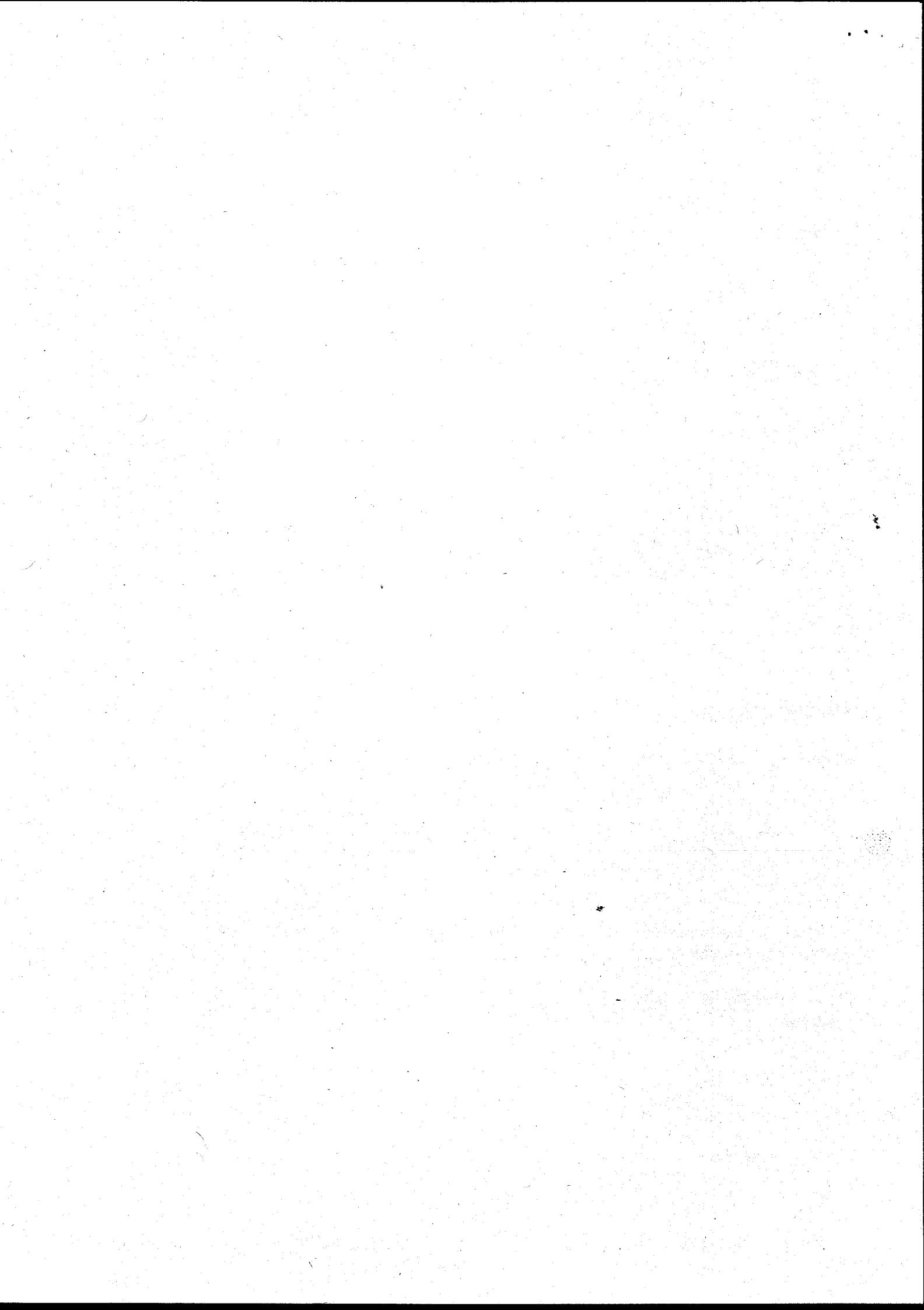
Post Code:

Date of Transfer to new Holder(s);

Signed:..... **Dated:**.....

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





THE CONTROL OF POLLUTION ACT 1974: SECTION 34
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES)
REGULATIONS 1984 (SI 1984 NO 1200)

CERTIFICATE TO BE SUBMITTED WITH A REQUEST FOR A
DESCRIPTIVE DISCHARGE CONSENT

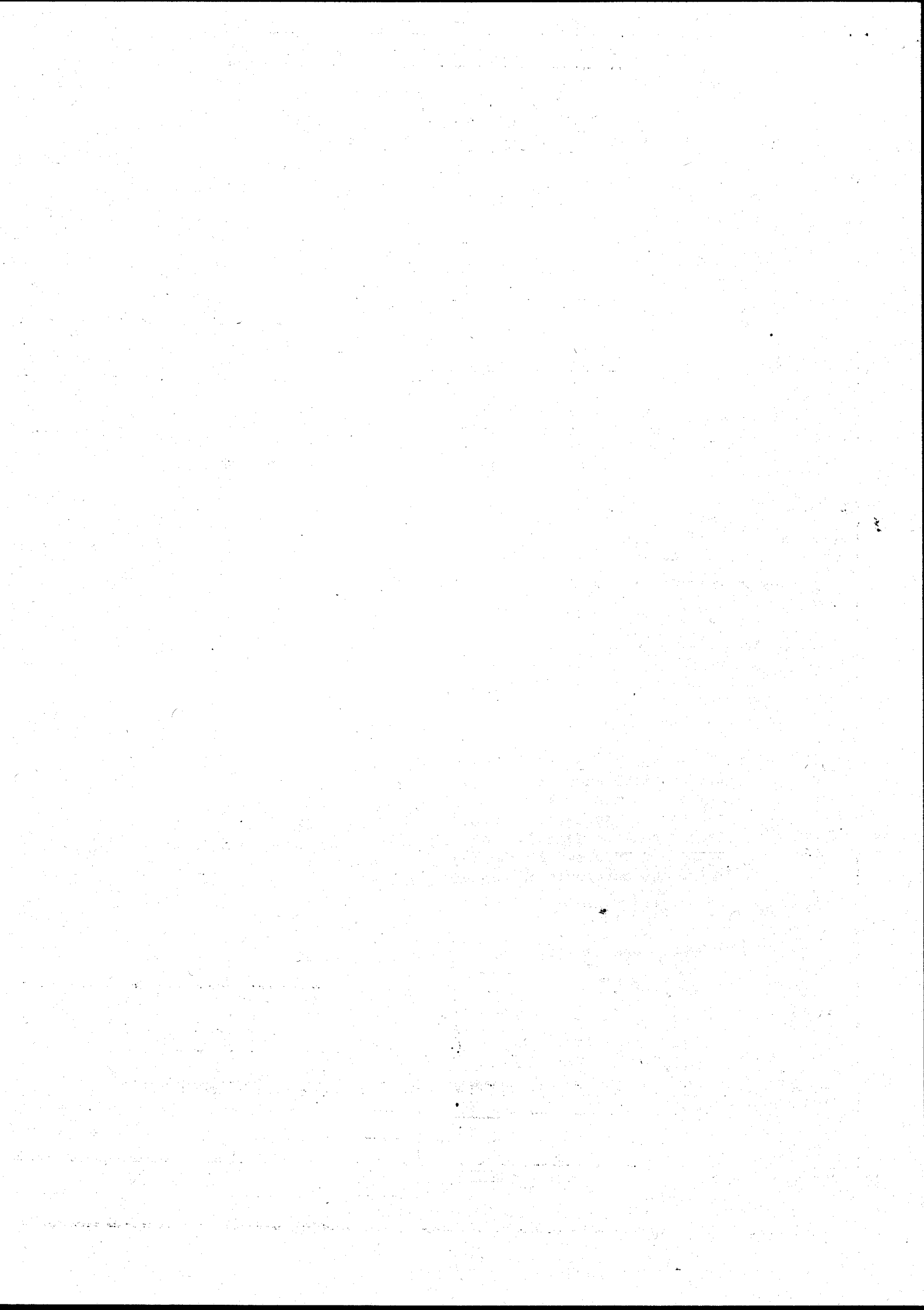
On behalf of the Welsh Water Authority we certify that, in respect of the discharge from the Authority's sewage treatment works at ABERCRAVE, LAMB & FLAG TERRACE, ABERCRAVE, WEST GLAMORGAN
(National Grid Reference SN 8082 1240).

1. The effluent derives from domestic sewage from a population of 250 or less and contains no authorised trade waste.
2. There are no potable water supply intakes downstream which are likely to be adversely affected.
3. As far as is reasonably practicable, the works shall be operated so as to prevent:
 - i any matter being present in the effluent which will cause the receiving water to be poisonous or injurious to fish or to their spawn or spawning grounds or food or otherwise cause damage to the ecology of the receiving waters; and
 - ii the treated effluent from having any adverse visual and other environmental impact.
4. The authority will operate the works having regard so far as is relevant, to the guidance set out in the National Water Council's Occasional Technical Paper Number 4, "The Operation and Maintenance of Small Sewage Works" dated January 1980. In particular the works shall be maintained properly such that:
 - a. it remains fully operational except at times of mechanical or electrical breakdown;
 - b. any such breakdowns shall be attended to promptly and the equipment returned to normal operation as soon as possible; and
 - c. tanks shall be desludged at sufficient frequency and in such a manner as to prevent problems with septic sludge, rising sludge or excessive carryover of suspended solids.

Signed [Signature]
(Name)
Divisional Operations Manager

Signed [Signature]
(Name) Mr. A. S. GEE
District Scientist

Dated this Twenty ninth
Day of May 1987



WELSH WATER AUTHORITY				Welsh Office Form COPA4		Welsh Off Ref				
SUPPORTING INFORMATION FOR CONSENT/REVIEW - WWA Form SS.SI.1				Welsh W A Ref		BM 0028101				
DISCHARGER + Agent	WELSH WATER AUTHORITY						WWA District	SW / E		
PREMISES / SOURCE Address/Location	ABERCRAVE SEWAGE TREATMENT PLANT LAMB AND FLAG TERRACE, ABERCRAVE									
DISCHARGE TYPE	SEPTIC TANK AND FILTER									
DISCHARGE STATUS	New reqg Consent		Exg reqg Review		Exg reqg Consent		Prevly Exempt		Temply until	
CONSENT / REVIEW EXISTING - issued	To: WELSH WATER				By: WELSH OFFICE			Date: 17.12.84		
ADVERTISEMENT ?	Yes / No because: DESCRIPTIVE CONSENT									
OUTLET DETAILS	New / Exg		OS Ref	SN 8082 1240		Diam	mm	Form		
SAMPLING POINT	TDIB SPT	OS Ref		Outlet /						
DISCHARGE IS TO	Inland Stream	<input checked="" type="checkbox"/>	Landl. Pond	<input type="checkbox"/>	Onto Land	<input type="checkbox"/>	Into Land	<input type="checkbox"/>	Groundwtr	
RECEIVING WATER	Immediate / Main	RIVER TAFE / kms >								
Water in current RQO Programme ?	Data for :	Current Situath		Short-term RQO			Long-term RQO		TDIB SPT Refs	
Immed. Yes / No	Assessed by :	NWC	Biol	NWC	Biol	by	NWC	Biol	Up / Down	
Main Yes / No	Immed. Up / Down	/	/	/	/	19	/	/	19	
	Main Up / Down	1/B	/	/	/	19	1/B	/	19	
USE(S) OF THE RECEIVING WATER, whether surface or groundwater	Exg / Future Use(s)	PotWS	IndWS	AgrWS	Stock	SalFish	CrsFish	WSports	VisAmen	
	Of Immed R.W. @ km									
	Of Main R.W. @ km		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				
	Effect of discharge on uses, etc.									
EFFLUENT QUALITY DATA - derived from: samples taken from: to : (mg/l except pH)	Determinand	BOD (ATU)		S. SOLIDS						
	Maximum									
	Minimum									
	Mean									
	Standard Deviation									
	Median / 50%ile									
	95%ile: N / LN / NP									
QUALITY LIMITS (mg/l except pH) S/W if seasonal 1/2 if phased	Existing	150		90						
	Proposed 95%ile									
	Proposed Maximum									
	Application									
CALCULATION MODE	To Quality Spec'n									
	Method used									
EFFLUENT FLOW DATA	P Popul'n No.	G Consum'n m³/h/d	PG Sewage m³/d	I Infilt'n m³/d	E Trade m³/d	PG+I+E DWF m³/d	Storm Sewage O'flow Weir Setting x DWF 1/sec		Maximum Rate 1/sec	Maximum Daily Vol m³/d
Existing Design	35					6				-
WWS / Estd Current						5.5				-
Proposed Design										
Ultimate Design										
Design Horizons: Proposed: Ultimate:	Sewerage system is % combined		Flow values for Consent Conditions		Existing	5				
					Proposed	-				

Relating to: ABERCRAVE

Welsh Off Ref

Welsh W A Ref

RIVER AND EFFLUENT FLOWS AND DILUTIONS

Flows in m³/d. If estimated, give method:

Flows in Immediate Receiving Water

Meas / Estd at OSGR:

Minimum

5%ile

Mean

Flows in Main Receiving Water

Meas / Estd at OSGR:

Minimum

5%ile

Mean

Effluent
StatisticSource
of DataEffluent
Volume

35078

Dilution Ratios - expressed as x River : 1 Effluent

D.W.F.

Meas / Estd

5.5

6378

Maximum

Meas / Estd

RIVER REGIME

Width, Depth & Reaeration

W

m

D

m

R

W

m

D

m

R

TREATMENT PLANT UNITS - with Critical Dimensions

Primary Sett.

Area m²

Unit

Detail

Existing

Proposed

Ultimate

Storm Tanks

Area m²

Storm S. Of flow*

Set @ 1/s

" "

Volume m³

Screens

Space mm

NO

NO

Septic Tank

Volume m³

5.67

Well Retent'n.

Hours

Biol. Filters

Media m³

5.40

Pumping Rate

Max. 1/s

Act'd. Sludge #

Volume m³

Gravity Feed

Yes / No

Package Plant*

Surface m²

Flow Meas't.*

Yes / No

Pasveer Ditch#

Volume m³

Grit Removal

Yes / No

Final Sett't.

Area m²

Macer'n/Comm'n.

Yes / No

Tert'y Treat.*

Area m²Other Units
and Details* Type
PowerSLUDGE TREAT.
AND DISPOSALTRADE WASTES
Types & m³/dFURTHER DATA
& STATEMENT
From Dist/Div.Additional
conditions
Nearby efflts
and changes
EC Dangerous
Substances
EC Designated
Waters
SSSIs
(Continue on
Form SS.SI.2
if necessary)

CAPITAL WORKS

Outline Appra

Second Appra

Final Appra

Start

Finish

District Ref

District Contact

HQWQS Ref

For use by:

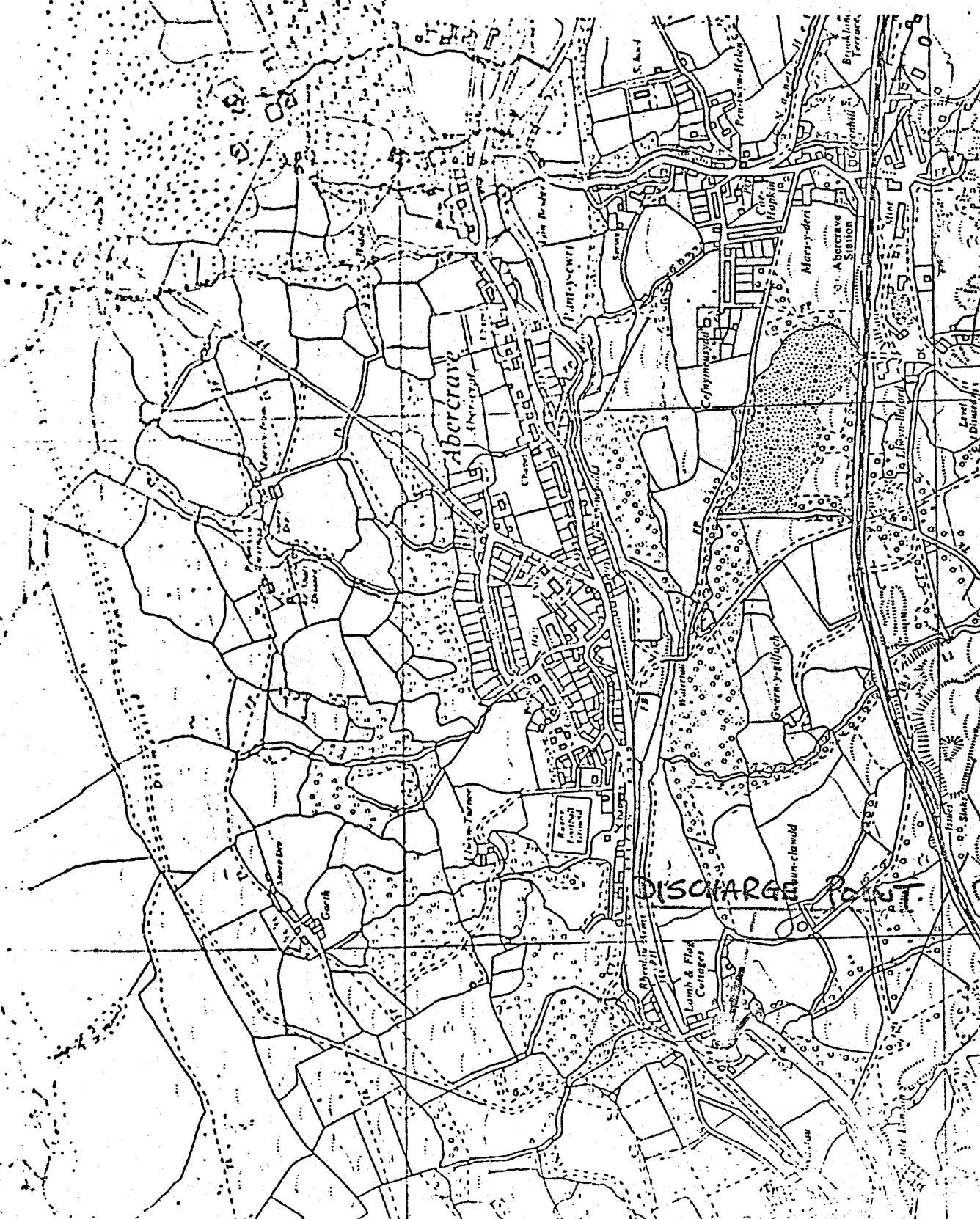
H Q WATER
QUALITY
SECTION

For use by:

WELSH OFFICE

This is the Plan referred to
in the ~~Variation of~~ Consent
Number RW/0660 II/41

Aberrant (Leit & Flug) S.T.W.



BM0028101

WATER ACT 1973 ..
RIVERS (PREVENTION OF POLLUTION) ACTS 1951 - 1961
WATER AUTHORITIES (CONTROL OF OUTLETS AND DISCHARGES) REGULATIONS 1975

NOTIFICATION OF CONSENT
for a discharge and/or outlet

To:

WELSH WATER AUTHORITY

This Notification is issued under the above-mentioned Acts and Regulations and all other enabling powers as a CONSENT DEEMED TO HAVE BEEN GRANTED BY THE SECRETARY OF STATE FOR WALES and is in respect of : an Outlet and a Discharge of Sewage Effluent from the Authority's : ABERCRAVE SEWAGE TREATMENT WORKS

The Authority submitted this Notification of Consent on : 17th September 1982 to the Secretary of State for Wales, in the form of a draft, and he has NOT, within three months, required the Authority to apply to him for a consent. This Consent has therefore taken effect as a consent which is deemed to have been granted by the Secretary of State for Wales, subject only to the following conditions, on : 17th December 1982

CONDITIONS

As to the OUTLET :

1. The form and location of the outlet shall be in accordance with the following, namely,
an outlet in the form of : the existing outlet
and discharging into the : Afon Tawe
at National Grid Reference : SN 8082 1240
and which is shown marked : Discharge Point
on the attached Plan No. : RW/0660/1/U1
2. The outlet shall be used only for making the discharge specified in Condition 3 below.

As to the DISCHARGE :

3. The discharge shall consist only of treated sewage effluent from the above works.
4. The quality and quantity of effluent shall not exceed the following maximum values:

<u>Determinand</u>	<u>Value</u>	<u>Unit</u>
Biochemical Oxygen Demand (+ATU) over 5 days at 20°C	150	milligrams per litre
Suspended Solids dried at 105°C	90	milligrams per litre
Rate of discharge	-	litres per second
Volume during any period of 24 consecutive hours	-	cubic metres
Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours	6	cubic metres

5. Adequate facilities shall be provided for the taking of samples of the effluent at: outlet from filter.

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 Seventeenth day of December 1984.

This Notification is issued by the Directorate of Scientific Services at Headquarters, Welsh Water Authority, Cambrian Way, Brecon, Powys

WELSH WATER AUTHORITY

PLAN NO. 1000000000

1000000000

SEWAGE TREATMENT WORKS

THIS IS THE PLAN REFERRED TO

IN THE REPORT OF THE

WELSH WATER AUTHORITY

