

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 CG0071301

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at
ABER(NANT GWYNANT) 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:

(to be completed when transfer is on behalf of corporate bodies)



WEPD/S2/23/D7

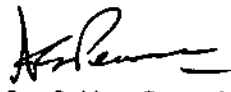
WO REF WEP/WS 9111/24

WELSH OFFICE

CONTROL OF POLLUTION ACT 1974: SECTIONS 34 AND 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE

1. The Welsh Water Authority (hereinafter referred to as 'the Water Authority') proposes to discharge sewage effluent from the Aber (Nant Gwynant) Sewage Treatment Works to the Afon Glaslyn at National Grid Reference SH 6322 5112 in accordance with the application dated 24 March 1988.
2. The proposal requires the consent of the Secretary of State for Wales in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 and the Control of Pollution (Discharges by Authorities) Regulations 1984.
3. THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the discharge conforming at all times to the terms of the certificate attached hereto.

Dated this 17 day of
May 1988

Signed 
on behalf of the Secretary
of State for Wales

4

•

•

THE CONTROL OF POLLUTION ACT 1974: SECTION 33
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 ABER (NANT GWYNANT) STW
NANT GWYNANT, CAERNARFON, GWYNEDD
(National Grid Reference SH6322 5112).

1. The effluent derives from domestic sewage from a population of 26 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 for excessive carryover of suspended solids.

Signed
(Name)
Divisional Operations Manager

Signed
(Name)
District Scientist

Dated this 21st
Day of March 1985

4

●

●

CONTROL OF POLLUTION ACT 1974: SECTION 34THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES)
REGULATIONS 1984 (SI 1984 No 1200)APPLICATION FOR A CONSENT TO DISCHARGE
EFFLUENT FROM WORKS VESTED IN THE
WELSH WATER AUTHORITY

To: Water Administration, Water and Environmental Protection Division,
Room 2002, Cathays Park, Welsh Office, Cardiff CF1 3NQ

Name of Discharge .ABEB.(NANT.GWYNANT).NANT.GWYNANT,...

.CAERNARFON..GWYNEDD.....

Division .NORTH/WEST.....

I hereby apply for consent to the above named discharge the details of which
are contained in Form COPA 4 attached

Contact within the Authority R. P. DALE
.....

.....
WATER QUALITY OFFICER
.....

Date .23.3.88.....

.....
Signed on behalf of the
Welsh Water Authority.

FOR WELSH OFFICE USE ONLY

Application and Certificate checked
Signed Date

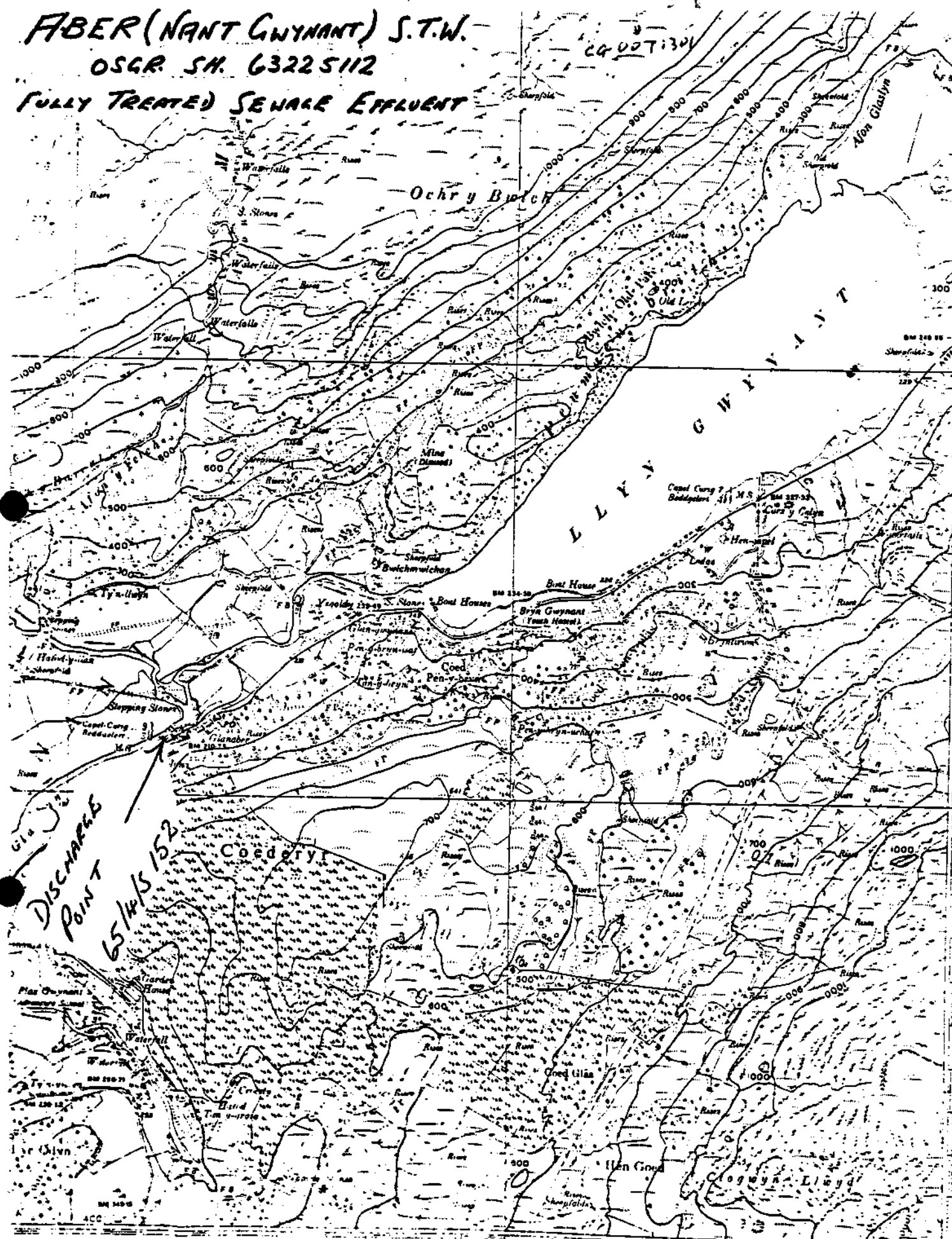
Consent and Certificate issued
Signed Date

NOTES

WELSH WATER AUTHORITY				Welsh Office Form COPA4		Welsh Off Ref											
SUPPORTING INFORMATION FOR CONSENT/REVIEW - WWA Form SS.SI.1						Welsh W A Ref		CG 0071301									
DISCHARGER + Agent		WELSH WATER AUTHORITY						WWA District		N / W							
PREMISES / SOURCE Address/Location		ABER (NANT GWYNANT) NANT GWYNANT, CAERNARFON, GWYNEDD															
DISCHARGE TYPE		FULLY TREATED SEWAGE EFFLUENT															
DISCHARGE STATUS		New reqg Consent		Exg reqg Review		Exg reqg Consent		Prevly Exempt		Temp'y until							
CONSENT / REVIEW EXISTING - issued		To: WELSH WATER AUTHORITY				By: WELSH OFFICE			Date:								
ADVERTISEMENT ?		Yes / No because:															
OUTLET DETAILS		NEW / Exg		OS Ref		SH6322 5112		Diam		mm Form							
SAMPLING POINT		TDIB SPT		OS Ref		Outlet /											
DISCHARGE IS TO		Inland Stream ☒		Landl.Pond		Onto Land		Into Land		Groundwtr	Estuary	Coastal					
RECEIVING WATER		Immediate / NEW		GLASLYN / 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		Bio1		NWC		Bio1		by	Up / Down				
Main Yes / No		Immed. Up / Down		3A/3A		/		/		/		19	22503/22503				
		Main Up / Down		/		/		/		/		19	/				
USE(S) OF THE RECEIVING WATER, whether surface or groundwater		Exg / Future Use(s)		PotWS		IndWS		AgrWS		Stock		SalFish	CrsFish	WSports	VisAmen	Other	
		Of Immed R.W. @ km								0		0			0	0	
		Of Main R.W. @ km															
		Effect of discharge on uses, etc.		CONSERVATION													
EFFLUENT QUALITY DATA - derived from: 11 samples taken from: 05/07/77 to :		Determinand		BOD		SS		AMMONIA									
		Maximum		73		115		31.5									
		Minimum		2		4		0.7									
		Mean		33.5		49.3		18.9									
		Standard Deviation		28.12		46.98		11.89									
		Median / 50%ile															
		95%ile: N / LN / NP		176.7(LN)		126.6(N)		114.6(LN)									
QUALITY LIMITS (mg/l except pH)		Existing		180		130		120									
		Proposed 95%ile		DESCRIPTIVE CONSENT													
S/W if seasonal 1/2 if phased		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 Overflow Weir Setting x DWF		Maximum Rate 1/sec	Maximum Daily Vol m³/d
Existing Design																	
Max/Est'd Current		26										2.7				0.09	8.1
Proposed Design																	
Ultimate Design																	
Design Horizons: Proposed: Ultimate:		Sewerage system is % combined		Flow values for Consent Conditions		Existing		2.7								0.09	8.1
						Proposed											

SUPPORTING INFORMATION FOR A CONSENT / REVIEW (CONTINUED) Form SS.SI.1						Welsh Off Ref			
Relating to: ABER (NANT GWYNANT) STW						Welsh W A Ref		CG 0071301	
RIVER AND EFFLUENT FLOWS AND DILUTIONS			Flows in Immediate Receiving Water			Flows in Main Receiving Water			
Flows in m ³ /d. If estimated, give method:			Meas / Estd at OSGR:			Meas / Estd at OSGR:			
CATCHMENT COMPARISON			Minimum	5%ile	Mean	Minimum	5%ile	Mean	
Effluent Statistic	Source of Data	Effluent Volume	Dilution Ratios - expressed as x River : 1 Effluent						
D.k.F.	Meas / Estd	2.7		5,760					
Maximum	Meas / Estd								
RIVER REGIME	Width, Depth & Reaeration		W	m	D	m	R	W	m
TREATMENT PLANT UNITS - with Critical Dimensions					Primary Sett.	Area	m ²		
Unit	Detail	Existing	Proposed	Ultimate	Storm Tanks	Area	m ²		
Storm S. Of flow	Set @ 1/s				" "	Volume	m ³		
Screens	Space mm				Septic Tank	Volume	m ³	✓	
Well Retent'n.	Hours				Biol. Filters	Media	m ³	✓	
Pumping Rate	Max. 1/s				Act'd. Sludge #	Volume	m ³		
Gravity Feed	Yes / No				Package Plant	Surface	m ²		
Flow Meas't.	Yes / No				Pasveer Ditch	Volume	m ³		
Grit Removal	Yes / No				Final Sett't.	Area	m ²		
Macer'n/Comm'n.	Yes / No				Tert'y Treat.*	Area	m ²		
Other Units and Details	* Type # Power								
SLUDGE TREAT. AND DISPOSAL									
TRADE WASTES Types & m ³ /d	NONE								
FURTHER 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	65/4/S152		District Contact	R. P. DALE			HQWQS Ref		
For use by: HQ WATER QUALITY SECTION									
For use by: WELSH OFFICE									

FBER (NANT GWYNANT) S.T.W.
OSGR. SH. 63225112
FULLY TREATED SEWAGE EFFLUENT



LOCAL GOVERNMENT ACT 1972 WATER ACT 1973
RIVERS (PREVENTION OF POLLUTION) ACTS 1951-1961
WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

NOTIFICATION OF VARIATION OF CONSENT CG00713-01
for a discharge of treated sewage effluent

To : WELSH WATER AUTHORITY

This Notice is issued under the above-mentioned Acts and Order and all other enabling powers as a NOTICE DEEMED TO HAVE BEEN GIVEN BY THE SECRETARY OF STATE FOR WALES, in respect of the existing discharge of treated sewage effluent from the Authority's :

ABER (NANT GWYNANT) SEWAGE TREATMENT WORKS

via an existing outlet and subject hitherto to a previous consent as specified below.

THE EXISTING OUTLET is to : the Afon Glaslyn

at National Grid Reference : SH 6322 5112

and has been shown marked : Discharge Point

on the attached Plan, No. : RW/0453/1/1

THE PREVIOUS CONSENT was : the Consent

Reference No. -

granted on : 24th May 1967

by : Gwynedd River Authority

to : Gwyrfa Rural District Council

The Authority submitted this Notification of Variation on : 19th August 1981 to the Secretary of State for Wales in the form of a draft and the Secretary of State has NOT, within the relevant period, given notice of his intention to determine this matter. This discharge is therefore (in substitution for all the conditions hitherto in force) subject only to the following conditions as from : 19th November 1981

CONDITIONS

1. The discharge shall consist only of treated sewage effluent from the above works.
2. 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	180	milligrams per litre
Suspended Solids dried at 105°C	130	milligrams per litre

Rate of discharge	0.1	litres per second
-------------------	-----	-------------------

Volume during any period of 24 consecutive hours	8.1	cubic metres
--	-----	--------------

Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours	3	cubic metres
--	---	--------------

3. Adequate facilities shall be provided for the taking of samples of the effluent at the outlet to the Afon Glaslyn

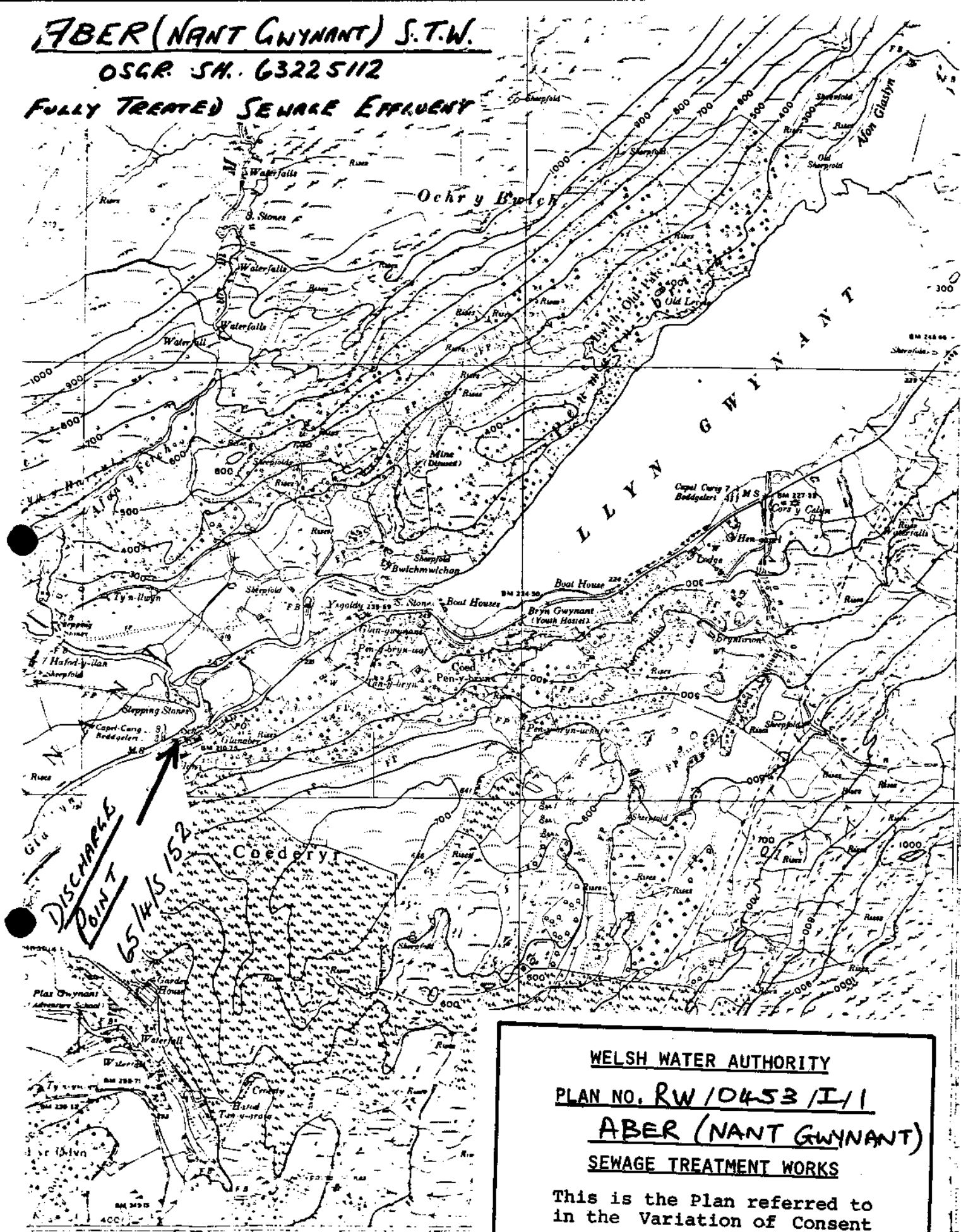
The terms of this Notice will not, without the consent in writing of the person to whom this Notice is given, (or his successor), be altered before the expiration of the period ending with the Nineteenth day of November 19 83 .

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

100
100



FULLY TREATED SEWAGE EFFLUENT



Number RW/0453/I/1

CG00713-01

AS/L. C.203/8 & CV/L/21

24th May, 1967.

Dear Sir,

Rivers (Prevention of Pollution) Acts 1951 to 1961
Re: Glasahar, Nontayment Sewage Disposal Works

With reference to your application of 3rd April 1967, the Gwynedd River Authority, in pursuance of their powers under the above Acts, hereby consent to the bringing into use of a new outlet for the discharge of sewage effluent and the making of a new discharge of sewage effluent into the Afon Glasahar at a point on the left bank directly opposite the school at Glasahar, Nontayment in accordance with the plans accompanying the application and subject to the following conditions:-

1. The volume of the discharge in any period of 24 hours shall not exceed 600 gallons.
2. The discharge shall at no time:-
 - (a) contain more than 30 parts per million of suspended matter dried at 105° C.
 - (b) take up more than 20 parts per million of dissolved oxygen in 5 days at 20° C.
3. The outlet pipe where it emerges through the river bank shall be suitably encased in a concrete or masonry headwall, with the invert level of the pipe at a suitable height in relation to the normal river water level so as to permit the Authority to exercise its right to sample the effluent discharged.

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 1969.

Yours faithfully,


Clerk of the Authority

The Clerk,
Gwynedd Rural District Council,
Oswestry,
CHESHIRE.

WELSH WATER AUTHORITY				Welsh Office Form COPA4		Welsh Off Ref		2119											
SUPPORTING INFORMATION FOR CONSENT/REVIEW - WWA Form SS.SI.1						Welsh W A Ref		CG 0071301											
DISCHARGER + Agent		WELSH WATER AUTHORITY						WWA District		N / W									
PREMISES / SOURCE Address/Location		ABER (NANT GWYNANT) NANT GWYNANT, CAERNARFON, GWYNEDD																	
DISCHARGE TYPE		FULLY TREATED SEWAGE EFFLUENT																	
DISCHARGE STATUS		New reqg Consent		Exg reqg Review		Exg reqg Consent		Prevly Exempt		Temply until									
CONSENT / REVIEW EXISTING - issued		To: WELSH WATER AUTHORITY				By: WELSH OFFICE			Date:										
ADVERTISEMENT ?		Yes / No because:																	
OUTLET DETAILS		NEW / EXISTING / Exg		OS Ref		SH6322 5112		Diam		mm Form									
SAMPLING POINT		TDIB SPT		OS Ref		Outlet /													
DISCHARGE IS TO		Inland Stream ☒		Landl.Pond		Onto Land		Into Land		Groundwtr	Estuary	Coastal							
RECEIVING WATER		Immediate / MAIN		GLASLYN						/ kms >									
Water in current RQO Programme ?		Data for :		Current Situatn		Short-term RQO		Long-term RQO		TDIB SPT Refs									
		Assessed by :		NWC		Biol		NWC		Biol		Up / Down							
Immed. Yes / No		Immed. Up / Down		3A/3A		/		/		19		22503/22503							
Main Yes / No		Main Up / Down		/		/		/		19		/							
USE(S) OF THE RECEIVING WATER, whether surface or groundwater		Exg / Future Use(s)		PotWS		IndWS		AgrWS		Stock		SalFish	CrsFish	WSports	VisAmen	Other			
		Of Immed R.W. @ km								0		0			0	0			
		Of Main R.W. @ km																	
		Effect of discharge on uses, etc.		CONSERVATION															
EFFLUENT QUALITY DATA - derived from: 11 samples taken from: 05/07/77 to : (mg/l except pH)		Determinand		BOD		SS		AMMONIA											
		Maximum		73		115		31.5											
		Minimum		2		4		0.7											
		Mean		33.5		49.3		18.9											
		Standard Deviation		28.12		46.98		11.89											
		Median / 50%ile																	
		95%ile: N / LN / NP		176.7(LN)		126.6(N)		114.6(LN)											
QUALITY LIMITS (mg/l except pH) S/W if seasonal 1/2 if phased		Existing		180		130		120											
		Proposed 95%ile		DESCRIPTIVE CONSENT															
		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 Of flow Weir Setting x DWF		Maximum Rate 1/sec		Maximum Daily Vol m³/d	
Existing Design																			
New/Est'd Current		26										2.7				0.09		8.1	
Proposed Design																			
Ultimate Design																			
Design Horizons: Proposed: Ultimate:		Sewerage system is % combined		Flow values for Consent Conditions		Existing		2.7								0.09		8.1	
						Proposed													

SUPPORTING INFORMATION FOR A CONSENT / REVIEW (CONTINUED) Form SS.SI.1 Relating to: ABER (NANT GWYNANT) STW						Welsh Off Ref			
						Welsh W A Ref		CG 0071301	
RIVER AND EFFLUENT FLOWS AND DILUTIONS Flows in m³/d. If estimated, give method: CATCHMENT COMPARISON			Flows in Immediate Receiving Water			Flows in Main Receiving Water			
			Meas / Estd at OSGR:			Meas / Estd at OSGR:			
			Minimum	5%ile	Mean	Minimum	5%ile	Mean	
				15,552					
			Dilution Ratios - expressed as x River : 1 Effluent						
Effluent Statistic	Source of Data	Effluent Volume							
D.W.F.	Meas / Estd	2.7	5,760						
Maximum	Meas / Estd								
RIVER REGIME			Width, Depth & Reaeration			W	m	D	m
						W	m	D	m
TREATMENT PLANT UNITS - with Critical Dimensions					Primary Sett.	Area	m²		
Unit	Detail	Existing	Proposed	Ultimate	Storm Tanks	Area	m²		
Storm S. Overflow	Set @ 1/s				" "	Volume	m³		
Screens	Space mm				Septic Tank	Volume	m³	✓	
Well Retent'n.	Hours				Biol. Filters	Media	m³	✓	
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	m²		
Other Units and Details	* Type # Power								
SLUDGE TREAT. AND DISPOSAL									
TRADE WASTES Types & m³/d									
NONE									
FURTHER 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		65/4/S152		District Contact		R. P. DALE		HQWQS Ref	
For use by:		H Q WATER QUALITY SECTION							
For use by:		WELSH OFFICE							

2119

WEPD/S2/23/D7

WO REF WEP/WS 9111/24

WELSH OFFICE

**CONTROL OF POLLUTION ACT 1974: SECTIONS 34 AND 55
THE CONTROL OF POLLUTION (DISCHARGES BY AUTHORITIES) REGULATIONS 1984
CONSENT FOR A DISCHARGE**

1. The Welsh Water Authority (hereinafter referred to as 'the Water Authority') proposes to discharge sewage effluent from the Aber (Nant Gwynant) Sewage Treatment Works to the Afon Glaslyn at National Grid Reference SH 6322 5112 in accordance with the application dated 24 March 1988.
2. The proposal requires the consent of the Secretary of State for Wales in pursuance of sections 34 and 55 of the Control of Pollution Act 1974 and the Control of Pollution (Discharges by Authorities) Regulations 1984.
3. THE SECRETARY OF STATE FOR WALES hereby consents to the proposed discharge subject to the discharge conforming at all times to the terms of the certificate attached hereto.

Dated this
may 1988

17th

day of

Signed
on behalf of the Secretary
of State for Wales

