

Eich cyf/Your ref.

Ein cyf/Our ref. DR/RP/CM0194401

Dyddiad/Date: 22nd January 2004



ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

Mr Jim Andrews
North Western & North Wales Sea Fisheries Committee
Lancaster University
Lancaster
Lancashire
LA1 4YY



Dear Mr Andrews

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995): FORMAL CONSULTATION. APPLICATION FOR CONSENT TO DISCHARGE SEWAGE EFFLUENT UNDER STORM OR EMERGENCY CONDITIONS BY DWR CYMRU CYF FROM MARSH FARM POWER STATION, COAST ROAD, MOSTYN, FLINTSHIRE, CH8 9HF
APPLICATION NO: CM0194401**

I append a copy of the application for consent to discharge received from Dwr Cymru Cyf. Any comments you wish to make regarding this application must be received by the Agency within six weeks from the date of this letter.

Yours sincerely

Kelvin Graham
Customer Contact and Authorisations Team Leader

Please ask for Ruth Prichard ext 4502



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 CM0049401

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at LLANBEDR D.C. 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:**





Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru

National Rivers Authority
Welsh Region

Consent No. CM00494-01

WATER ACT 1989

Under Section 113 and Schedule 12 of the Water Act 1989 and all other enabling powers the National Rivers Authority hereby gives this

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

On : DWR CYMRU CYFYNGEDIG

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

In respect of the previous Consent No: CM00494-01 Issued on: 13th November 1989

For the discharge of: Treated Sewage Effluent

From : LLANBEDR SEWAGE TREATMENT WORKS

THE CONSENT IS HEREBY VARIED AS FOLLOWS:-

1. For the purpose of this consent variation,
"Winter" shall be understood to commence on 1st October until 31st March
and
"Summer" shall be understood to commence on 1st April until 30th September
2. This Variation should be retained with Consent No. CM00494-01 dated 13th November 1989

This Consent Variation is given on: 1st November 1991 on behalf of the
Authority by: Divisional Scientist

Aelod Rhanbarthol o'r Bwrdd
Yr Athro Ron Edwards

Rheolwr Rhanbarth Cyllfedinol
Dr John Stoner

Highfield, Ffordd Priestley
Caernarfon

Gwynedd, LL55 1HR
Ffôn: Caernarfon (0286) 672247
Ffacs: (0286) 4451

Cyfreithiwr Adranol (Gogledd)/Divisional Solicitor (Northern)
David Bathers LL.B.

Regional Board Member
Professor Ron Edwards

Regional General Manager
Dr John Stoner

Highfield, Priestley Road
Caernarfon

Gwynedd, LL55 1HR
Tel: Caernarfon (0286) 672247
Fax: (0286) 4451

DA

WEPD/F/3/62/D7

WO REF WEP/WS 9111/6
WWA REF CM 0049401

WATER ACT 1989

**DIRECTION TO THE NATIONAL RIVERS AUTHORITY ("THE AUTHORITY")
TO GRANT A CONSENT TO THE DWR CYMRU CYFYNGEDIG ("THE COMPANY")**

WHEREAS:-

- (a) the Welsh Water Authority submitted an application to the Secretary of State dated 24 March 1989 [as supplemented on] in accordance with section 34 of the Control of Pollution Act 1974, as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984, to discharge sewage effluent into the Dwr Ial from the Llanbedr Sewage Treatment Works at National Grid Reference SJ 1352 5910 ("the proposed discharge");
- (b) that application is deemed by virtue of paragraph 25(2)(a) of Schedule 26 to the Water Act 1989 to have been made by the Company to the Authority, and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to that application;

NOW THEREFORE the Secretary of State, in exercise of his powers under paragraph 4(7) and 6(4) of Schedule 12 to the Water Act 1989, hereby directs the Authority:-

- 1. to grant a consent to the Company for the proposed discharge subject to the conditions set out in the Schedule hereto; and
- 2. to revoke any previous consents in respect of the proposed discharge.

Signed on behalf of
the Secretary of State
for Wales

Alyn HH Jones

13/11/1989

WATER ACT 1989

**CONSENT TO DISCHARGE BIOLOGICALLY TREATED SEWAGE EFFLUENT FROM THE
LLANBEDR SEWAGE TREATMENT WORKS INTO THE DWR IAL**

WHEREAS:-

- (a) the Welsh Water Authority submitted an application to the Secretary of State dated 24 March 1989, [as supplemented on] in accordance with section 34 of the Control of Pollution Act 1974, as modified by the Control of Pollution (Discharges by Authorities) Regulations 1984, to discharge sewage effluent into the Dwr Ial at the Llanbedr Sewage Treatment Works, National Grid Reference SJ 1352 5910 ("the proposed discharge");
- (b) that application is deemed by virtue of paragraph 25(2)(a) of Schedule 26 to the Water Act 1989 to have been made by the Dwr Cymru Cyfyngedig ("the Company") to the National Rivers Authority ("the Authority"), and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to that application;
- (c) the Secretary of State, in exercise of his powers under paragraphs 4(7) and 6(4) of Schedule 12 to the Water Act 1989, has directed the Authority to issue the following consent for the proposed discharge and to revoke all previous consents relating to that discharge.

NOW THEREFORE the Authority, in exercise of its powers under paragraphs 2 and 6 of Schedule 12 to the Water Act 1989:-

- (A) grants a consent to the proposed discharge subject to the conditions set out in the Schedule hereto; and
- (B) revokes all existing consents relating to the proposed discharge.

SCHEDULE

Conditions prescribed for the discharge of biologically treated sewage effluent to the Dwr Ial at Llanbedr Sewage Treatment Works.

"Sewage" can mean domestic sewage alone or in admixture with industrial waste water(s).

1. The nature of the effluent shall be biologically treated sewage effluent.
2. Adequate facilities shall be provided for the Authority's authorised representatives so as to enable samples of the effluent to be conveniently obtained at grid reference SJ 1352 5910.
3. The volume of effluent under dry weather conditions shall not exceed 119.5 cubic metres in any period of 24 hours.
4. The maximum rate of flow discharged to the river at any time shall not exceed 10.5 litres per second. All sewage flow rates up to the maximum quoted above shall receive biological treatment.
5. The lower tier limit in Paragraph 6 and the limit in Paragraph 10, for any Determinand may be exceeded where, in any series of samples of treated sewage effluent taken (whether before or after the grant of this consent) by the Authority in the period of twelve months ending on the date of the discharge, as listed in column (1) of the table at Annex A to this schedule, no more than the relevant number of samples, as listed in column (2) of the said table, exceeds the applicable limit for that determinand at the time when a sample is taken. That is, in respect of samples taken after the grant of this consent, the lower tier limit set out in Paragraph 6 or the limit in Paragraph 10 as appropriate; and in respect of samples taken before the grant of this consent, the corresponding provision of the consent then in force. The table at Annex A shall not be applied to the upper tier concentrations quoted in Paragraph 6. Such limits shall not be exceeded at any time.

6. The quality of the effluent discharged to the river at all flow rates up to the maximum quoted in 4 above, shall not be inferior to the following lower tier numerical quality limits (determinands) save as provided for in Paragraph 5 nor to the upper tier limits.

6a. The lower tier suspended solids concentration (dried at 105 degrees celsius) shall not exceed 75 milligrams per litre. The upper tier concentration limit shall not exceed 200 milligrams per litre.

6b. The lower tier BOD (Biochemical Oxygen Demand) concentration determined in the presence of 0.5 milligrams per litre of allyl-thiourea shall not exceed 50 milligrams per litre. The upper tier concentration limit shall not exceed 150 milligrams per litre.

6c. The lower tier ammoniacal nitrogen concentration expressed as nitrogen shall not exceed 20 in winter and shall not exceed 13 milligrams per litre in summer+. The upper tier concentration limit shall not exceed 40 milligrams per litre in winter and shall not exceed 26 milligrams per litre in summer.

7. The flow restrictions quoted in Paragraphs 3 and 4 and the parameter concentrations quoted in Paragraphs 6(a), 6(b) and 6(c) above shall remain in force until such time as the new works envisaged in the reconstruction/remedial programme have been fully commissioned which shall be on or before the 30 September 1991. After this date the following conditions shall apply.

8. The volume of effluent under dry weather conditions shall not exceed 150 cubic metres in any period of 24 hours.

9. The maximum rate of flow discharged to the river at any time shall not exceed 10.5 litres per second. All sewage flow rates up to the maximum quoted above shall receive biological treatment.

10. The quality of the effluent discharged to the river at all flow rates up to the maximum, quoted in Paragraph 9 above, shall not be inferior to the following numerical quality limits (determinands) save as provided for in Paragraph 5.

10a. The suspended solids concentration (dried at 105 degrees celcius) shall not exceed 38 milligrams per litre.

10b. The BOD (Biochemical Oxygen Demand) concentration determined in the presence of 0.5 milligrams per litre of allyl-thiourea shall not exceed 25 milligrams per litre.

10c. The ammoniacal nitrogen concentration expressed as nitrogen shall not exceed 25 milligrams per litre in winter and shall not exceed 12 milligrams per litre in summer.

11. The Company shall inform the Authority:-

(a) of the date of the new works construction commencement and

(b) of the date when the new works process commissioning will commence if appropriate.

At least one months notice shall be given to the Authority of both the above dates.

During these notice periods the Company shall discuss and agree with the Authority the modus operandi to ensure that the pollution loads discharged to the river during these periods are minimised.

NOTE: For the purposes of this consent "winter" shall be understood to commence on 31 October and finish on 31 March and "summer" to commence on 1 April and finish on 30 October.

TABLE

Column 1	Column 2
Series of samples taken in any year	Maximum number of samples for given determinand permitted to exceed limit
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

WLANBER DC (NORTH)
CM 00494-01



DEPARTMENT OF THE ENVIRONMENT

WATER ACT 1989 DIRECTION TO THE NATIONAL RIVERS AUTHORITY TO MAKE TEMPORARY MODIFICATION TO CONSENTS

WHEREAS:-

- (a) the WELSH Water Authority submitted applications to the Secretary of State for the Environment on the dates set out in column 1 of the first Schedule hereto in accordance with regulation 2 of the Control of Pollution (Discharges by Authorities) Regulations 1984, to discharge sewage effluent from the sewage treatment works referred to in column 2 of that schedule at the locations referred to in column 3 thereof ("the proposed discharges").
- (b) there are existing consents to discharge sewage effluent from those works at those locations, which are set out in column 4 of that Schedule ("the existing consents").
- (c) those applications are deemed by virtue of paragraph 25(2) (a) of Schedule 26 to the Water Act 1989 to have been made by DWR CYMRU CYFYNGEDIG ("the Company") to the National Rivers Authority ("the Authority") and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to these applications.

NOW THEREFORE the Secretary of State, in exercise of his power under paragraph 25(4) (c) and 25(5) of Schedule 26 to the Water Act 1989, hereby directs the Authority to make such modifications to the conditions of the existing consents as are set out in the second schedule hereto.

A. S. Penna

Signed on behalf of the
Secretary of State for the Environment

15 September 1989

WATER ACT 1989
TEMPORARY MODIFICATIONS TO CONSENTS

WHEREAS:-

- (a) the WELSH Water Authority submitted applications to the Secretary of State for the Environment on the dates set out in column 1 of the first Schedule hereto in accordance with regulation 2 of the Control of Pollution (Discharges by Authorities) Regulations 1984, for consent to discharge sewage effluent from the sewage treatment works referred to in column 2 of the Schedule at the locations referred to in column (3) thereof ("the proposed discharges").
- (b) there are existing consents to discharge sewage effluent from those works at those locations which are set out in column 4 of the first Schedule hereto ("the existing consents").
- (c) those applications are deemed by virtue of paragraph 25(2) (a) of Schedule 26 to the Water Act 1989 to have been made by DWR CYMRU CYFYNGEDIG ("the Company") to the National Rivers Authority ("the Authority") and the Secretary of State has determined that paragraph 25(3) of that Schedule is to apply to those applications.
- (d) the Secretary of State, in exercise of his powers under paragraph 25(4) (c) and 25(5) of Schedule 26 to the Water Act 1989, has directed the Authority to make temporary modifications to the conditions of the existing consents.

NOW THEREFORE the Authority hereby makes such modifications to the conditions of the existing consents as are set out in the second Schedule, and in columns 5, 6, 7 and 8 of the first Schedule, hereto. These modifications shall continue to have effect in relation to each application until the disposal by the Secretary of State of the application.



Signed on behalf of the Authority.....19 October 1989

		SCHEDULE 1						
COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8	
DATE OF APPLICATION	NAME OF SEWAGE TREATMENT WORKS	GRID REF OF DISCHARGE	DATE OF EXISTING CONSENT	DRY WEATHER FLOW	SUSPENDED SOLIDS	BIOCHEMICAL OXYGEN DEMAND	AMMONIACAL NITROGEN	
	24/03/89 AMBLESTON	SN 0027 2530	17/10/81	16	115	170	-	
CM00216-01	24/03/89 ✓ *BETTWS G G	SJ 0308 4643	30/01/85	21	100	85	42	
CM01115-01	24/03/89 ✓ *BROUGHALL - <i>Describe Consent</i>	SJ 5660 4135	24/02/83	1.8	250	355	-	issued by HMIP
CG00759-01	24/03/89 ✓ BRYNCRUG	SH 6058 3272	21/04/81	81	80	80	25	reissued by HMIP
	24/03/89 BURRY PORT	SN 454 001	25/05/78	2450	150	235	-	
CM00037-01	24/03/89 ✓ *BURTON	SJ 3122 7388	17/10/81	105	75	80	-	
CG00785-01	24/03/89 ✓ *CAERNARFON	SH 4802 6183	03/01/89	2840	140	80	53	add'n
	24/03/89 CAPEL IWAN	SN 293 361	17/10/81	51	180	20	-	
	24/03/89 CARWAY	SN 4579 0740	19/11/81	98	90	130	-	
CM00178-01	24/03/89 ✓ CHESTER	SJ 3952 6659	02/12/81	25042	85	40	-	
CM00504-01	24/03/89 ✓ *CHIRK - RHOSYWAUN	SJ 2868 3909	25/04/83	1132	45	60	-	
CM00051-01	24/03/89 ✓ *CHIRK BANK	SJ 2952 3732	30/01/85	306	100	75	35	
	24/03/89 CHRISTCHURCH	ST 3438 8944	16/12/81	47.5	230	415	-	
	24/03/89 CILYWN	SN 7341 3972	30/01/85	26	205	100	-	
	24/03/89 CLYRO	SO 2170 4380	30/01/85	34	55	45	-	
	24/03/89 CROSS INN & NEBO	SN 5440 6533	12/02/82	35	65	40	-	
	24/03/89 CWMGWRACH	SN 8630 0540	17/10/81	1250	75	50	-	
	24/03/89 DEVILS BRIDGE	SN 7379 7671	12/02/82	4.8	100	100	-	
	24/03/89 DRAETHEN	ST 2221 8738	26/04/82	34	170	265	-	
CM00377-01	24/03/89 ✓ DRURY	SJ 3009 6476	19/11/81	241	495	65	-	
	24/03/89 EARDISLEY	SO 6397 5842	30/01/85	178	90	50	-	
	24/03/89 EDWIN RALPH	SO 6397 5842	27/11/81	6	455	335	-	
	24/03/89 EGLWYSRW	SN 1383 3845	26/10/82	34	75	60	-	
CM00778-01	24/03/89 ✓ *FIVE FORDS	SJ 3623 4837	01/01/81	20780	70	30	10	
CM00584-01	24/03/89 ✓ *FLINT	SJ 2578 7244	30/07/82	3410	80	50	-	
	24/03/89 FOUNTAIN	SS 8840 8350	30/01/85	12	95	170	-	
	24/03/89 GARWAY	SO 4606 2226	30/01/85	8	360	510	355	
CM00213-01	24/03/89 ✓ *GATESHEATH	SJ 4710 6003	24/02/83	12	650	170	-	
CG00642-01	24/03/89 ✓ *GLASFRYN	SH 9181 5016	29/08/81	14	235	40	-	
CM00218-01	24/03/89 ✓ *GLYNCEIRIOG	SJ 2094 3993	30/01/89	124	170	235	83	
CM00188-01	24/03/89 ✓ *GROES BRONALLT	SJ 0066 6509	17/12/82	20	125	130	-	
CG00583-01	24/03/89 ✓ *GWALCHMAI	SH 3930 7559	29/03/84	302	70	40	-	

CM00950-01 24/03/89 *HANMER ARROWY
 24/03/89 HERMON
 24/03/89 KIDNELLY
 24/03/89 LAMPETER WELFRAY
 24/03/89 LITTLE DENCHURCH
 CM00494-01 24/03/89 *LLANBEDR RDC (NORTH)
 24/03/89 LLANBEDR SE
 24/03/89 LLANBISTER
 24/03/89 LLANDDAROG
 CG01087-01 24/03/89 *LLANDOGET
 CG00840-01 24/03/89 *LLANFAES 'A'
 CG00899-01 24/03/89 *LLANFAES 'B'
 CG00192-01 24/03/89 *LLANGAFFO
 CG00780-01 24/03/89 *LLANGEFNI
 24/03/89 LLANGENDEIRNE
 24/03/89 LLANGYBI
 CG01081-01 24/03/89 *LLANIESTYN
 24/03/89 LLANVAPLEY
 CG00772-01 24/03/89 *LLYNFAES
 24/03/89 LYONS HALL
 CM00779-01 24/03/89 *NANTGLYN
 24/03/89 NEWCHAPEL
 24/03/89 OCLE PYCHARD
 24/03/89 PEMBREY
 24/03/89 PENNARD
 CM00302-01 24/03/89 *PENTRE HALKYN
 24/03/89 PIPE & LYDE
 CM00245-01 24/03/89 *QUEENSFERRY
 24/03/89 RAGLAN
 CM00442-01 24/03/89 *RHOSEMR
 CG01078-01 24/03/89 *RHOSLEFAIN
 24/03/89 RHYDYPANDY
 24/03/89 ROCKFIELD
 24/03/89 ROSEMARKET
 24/03/89 RUDRY
 CM0001-01 24/03/89 *SESSWICK
 24/03/89 ST TWYNNELLS
 24/03/89 STANFORD BISHOP
 24/03/89 STOKE EDITH
 CM00097-01 24/03/89 *SYCHDYN

SJ	4613	3898	25/04/88
SN	2099	3231	12/10/82
SN	3970	0640	10/02/77
SN	1564	1465	26/04/82
SO	4345	3126	26/04/82
SJ	3528	5910	30/01/85
SO	2383	2008	19/11/81
SO	1081	7357	30/06/83
SN	4933	1510	17/10/81
SH	8009	6356	20/11/82
SH	6085	7778	26/04/82
SH	6086	7777	26/04/82
SH	4469	6771	29/08/81
SH	4647	7371	31/03/83
SN	4550	1374	19/11/81
SN	6048	5302	05/05/82
SH	2670	3364	20/11/82
SO	3650	1391	29/11/88
SH	4126	7798	19/12/80
SO	3420	5570	30/06/84
SJ	0073	6229	16/04/82
SN	2260	3919	20/11/82
SO	5895	4623	24/12/81
SS	4141	9991	30/01/85
SS	5500	8910	01/03/82
SJ	2060	7270	16/04/82
SO	5016	4435	24/02/83
SJ	3219	6839	01/08/83
SO	4160	0715	29/08/81
SJ	2100	6815	15/05/82
SH	5740	5686	20/11/82
SN	6640	0220	01/01/80
SO	4855	1478	11/01/83
SM	9535	0795	01/01/77
ST	1905	8737	17/12/82
SJ	3748	4728	10/01/85
SR	948	979	05/05/82
SO	6880	5000	30/03/83
SO	5957	4078	30/03/83
SJ	2464	6674	16/12/81

9428	135
4.7	195 150
80	70
1094	175
28	70
41	270
120	75
15	100
15	105
182	100
34	100
40	245
40	150
64	95
2273	165
131	85
24	50
5	140
5	275
16	120
58	145
37	135
32	115
12	455
733	75
167	130
613	50
4	230
8307	355
360	110
174	55
7	955
14.3	600
17	250
124	65
77	80
5.5	290
18	80
3.52	1771
3	2825
260	150

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24/03/89 VERWIG
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24/03/89 WEYCOCK CROSS
24/03/89 YSTRADGYNLAIS

SN 4351 0594 30/01/85
SH 3917 4783 24/05/81
SN 1828 4942 16/10/82
SO 5953 2114 30/01/85
ST 885 6942 30/01/84
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SCHEDULE 2

The following condition shall be substituted for any condition in the existing consent which relates to the volume of treated sewage effluent (but not settled storm sewage) discharged under dry weather conditions, or which restricts or prescribes the content of treated sewage effluent (but not settled storm sewage) by reference to any of the following parameters:

- a) suspended solids;
- b) biochemical oxygen demand;
- c) ammoniacal nitrogen;

where the number of cubic metres or milligrams per litre shall in each case be as set out in columns 5, 6, 7 and 8 respectively of Schedule 1.

X. VOLUME OF EFFLUENT

The volume of treated sewage effluent discharged under dry weather conditions shall not exceed ☐ cubic metres in any period of 24 hours.

Y. COMPOSITION OF EFFLUENT

1. Subject to paragraph Y.2 below, no sample of the treated sewage effluent taken by the Authority shall contain more than:

- (a) ☐ milligrams per litre of suspended solids (measured after drying at 105 degrees Celsius);
- (b) ☐ milligrams per litre of biochemical oxygen demand (determined in the presence of 0.5 milligrams per litre of allyl-thiourea after 5 days at 20 degrees Celsius);
- (c) ☐ milligrams per litre of ammoniacal nitrogen expressed as nitrogen.

2. The limits set out in paragraph Y.1 above may be exceeded where, in any series of samples of treated sewage effluent taken (whether before or after the grant of this consent) by the Authority in the period of twelve months ending on the date of the discharge, as listed in column (1) of the table at Annex A hereto, no more than the relevant number of samples, as listed in column (2) of the said table, exceeds the applicable limits. The applicable limits are those in force at the time when a sample is taken, that is, in respect of samples taken after the grant of this consent, the limits set out in paragraph Y.1, and in respect of samples taken before the grant of this consent, the corresponding provisions of the consent then in force.

ANNEX A

TABLE

(1)	(2)
Series of samples taken in any year	Maximum permitted number of samples with fail to conform to numerical limits
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

WEP/22/D5

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 LLANBADR... sewage treatment works dated .29...AUGUST. 1981.

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:

	Milligrams per Litre	
	Summer (15 April-15 October)	Winter (16 October-14 April)
Biochemical Oxygen Demand (+ ATU) over 5 days at 20°C	50	50
Suspended Solids dried at 105°C;	75	75
Ammoniacal ammonia expressed as nitrogen	7	14
Dry Weather Flow litres per second or ...150... metres cubed per day.		

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

This notice should be retained with the consent dated .29...AUGUST 1981.

George Roberts
WEP Division
Welsh Office

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
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 :
LLANBEDR DYFFRYN CLWYD SEWAGE TREATMENT WORKS

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

THE EXISTING OUTLET is to : the Dwr Tal
at National Grid Reference : SJ 1352 5910
and has been shown marked : Discharge Point

on the attached Plan, No. : RW/9237/1/1

THE PREVIOUS CONSENT was : the consent Reference No. 494

granted on : 16th May 1968

by : Dee and Clwyd River Authority

to : Ruthin Rural District Council

The Authority submitted this Notification of Variation on : 29th May 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 : 29th August 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	20	milligrams per litre
Suspended Solids dried at 105°C	30	milligrams per litre
pH value (maximum range)	5-9	

- | | | |
|--|------|-------------------|
| Rate of discharge | 10.5 | litres per second |
| Volume during any period of 24 consecutive hours | 900 | cubic metres |
| Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours | 150 | cubic metres |
3. Adequate facilities shall be provided for the taking of samples of the effluent at: the outlet to the Dwr Ial.

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 Twenty-ninth day of August 19 83 .

This Notification is issued by the Directorate of Scientific Services, Headquarters,

REGISTER OF CONDITIONS

AND OTHER TERMS

IMPOSED UNDER SECTION 7 OF THE RIVERS (PREVENTION OF POLLUTION) ACT, 1951
(AS APPLIED BY THE CLEAN RIVERS (ESTUARIES AND TIDAL WATERS) ACT, 1960)
AND THE RIVERS (PREVENTION OF POLLUTION) ACT, 1961.

No. AMCHD/D
194

DATE ON WHICH CONDITION CAME INTO FORCE AND PERIOD OF EFFECT	FULL ADDRESS OR OTHER SUFFICIENT DESCRIPTION OF LAND OR PREMISES TO WHICH THE TERM OR CONDITION RELATES														
29th August, 1981	Welsh Water Authority (Llanbedr Dyffryn Clwyd Sewage Treatment Works).														
USE OF NEW OR ALTERED OUTLET	DISCHARGE OF TRADE OR SEWAGE EFFLUENT														
CONDITIONS IMPOSED WITH RESPECT TO:- (i) PRECISE LOCATION OF OUTLET Discharge to the Dwr Ial at NGR. SJ.1352 5910. (ii) CONSTRUCTION OF OUTLET (OTHER THAN CONDITIONS TO BE SATISFIED BEFORE OUTLET IS BROUGHT INTO USE) (iii) USE OF OUTLET Discharge shall consist only of treated sewage effluent from the above works. (iv) USE OF ANY OTHER OUTLET FOR TRADE OR SEWAGE EFFLUENT FROM THE SAME LAND OR PREMISES REMARKS-	CONDITIONS IMPOSED WITH RESPECT TO:- (i) NATURE AND COMPOSITION OF DISCHARGE 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 <u>maximum</u> values :- <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 70%;"><u>Determinand</u></th><th style="text-align: left; width: 30%;"><u>Value/Unit</u></th></tr> </thead> <tbody> <tr> <td>Biochemical Oxygen Demand (+ATU) over 5 days at 20°C</td><td>20 mg/l.</td></tr> <tr> <td>Suspended Solids dried at 105°C</td><td>30 mg/l.</td></tr> <tr> <td>pH value (maxim. range)</td><td>5 - 9</td></tr> <tr> <td>Rate of discharge</td><td>10.5 l/sec.</td></tr> <tr> <td>Volume during any period of 24 consecutive hours</td><td>900 cu.m.</td></tr> <tr> <td>Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours</td><td>150 cu.m.</td></tr> </tbody> </table> (ii) TEMPERATURE OF DISCHARGE (iii) VOLUME OR RATE OF DISCHARGE OF EFFLUENT FROM LAND OR PREMISES (iv) PROVISION OF FACILITIES FOR TAKING SAMPLES Adequate facilities shall be provided for the taking of samples of the effluent at - the outlet to the Dwr Ial. (v) DATE OF EXPIRATION OF PERIOD SPECIFIED UNDER S.5(2) OF 1961 ACT 29th day of August, 1983. REMARKS-	<u>Determinand</u>	<u>Value/Unit</u>	Biochemical Oxygen Demand (+ATU) over 5 days at 20°C	20 mg/l.	Suspended Solids dried at 105°C	30 mg/l.	pH value (maxim. range)	5 - 9	Rate of discharge	10.5 l/sec.	Volume during any period of 24 consecutive hours	900 cu.m.	Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours	150 cu.m.
<u>Determinand</u>	<u>Value/Unit</u>														
Biochemical Oxygen Demand (+ATU) over 5 days at 20°C	20 mg/l.														
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Dee & Clwyd River Authority

RIVERS (PREVENTION OF POLLUTION) ACTS, 1951 TO 1961

Consent

to bringing into use a new or altered outlet and/or making a new discharge of trade or sewage effluent to a stream or to tidal waters which are controlled waters.

TO:—

SWINDON TOWN COUNCIL, SWINDON,
WILTSHIRE.

The Dee and Clwyd River Authority, pursuant to Section 7 of the Rivers (Prevention of Pollution) Act, 1951, HEREBY GRANT CONSENT to the discharge of purified domestic sewage effluent from the Council's sewage disposal works at
Glanbeirg, Clwyd into the River Lân

being a stream ~~controlled waters~~ in the Dee and Clwyd River Authority Area in accordance with your application dated the 29th April, 1968.

SUBJECT to the following conditions:—

1. The effluent discharged shall:—

- (a) have a pH not less than 5 and not more than 9;
- (b) have a Biochemical Oxygen Demand in 5 days at 20°C of not more than 20 milligrams per litre;
- (c) contain not more than 30 milligrams of suspended solids, dried at 100°C, per litre.

2. The volume of sewage discharged under dry weather conditions shall not exceed 15 cubic metres (33,000 gallons) in any period of twenty-four hours.

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 31st day of March, 1971.

2 Vicar's Lane
Chester

(signed) H. H. CRANDI.
Chief Officer

Date 15th May, 1968.