

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 BJ0079201

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at ST. TWYNELLS 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*

Dwr Cymru cyf
Plas Y Ffynnon
Cambrian Way
Brecon
Powys
LD3 7HP



NRA

*National Rivers Authority
Welsh Region*

Our Ref:
2/EQ/BJ0079201/NB/JAT

Enquiries:
Norman Bunyan

Date
25 May 1993

Dear Sirs,

Consent to Discharge of Effluent
Reg No: BJ0079201

I enclose herewith the Authority's formal consent to discharge.

The attention of the person to whom this Consent is granted is drawn to Section 91 of the Water Resources Act 1991 which gives the person the right of appeal to the Secretary of State for the Environment/Wales.

Yours faithfully

AP S J Brown
Area Environmental Quality Manager

Recorded Delivery No: J198103

Rheolwr Cyffredinol Rhanbarthol
Dr John Stoner
Llys Afon
Hawthorn Rise
Hwlfordd
Dyfed SA61 2BQ
Ffôn: Hwlfordd (0437) 760081
Ffacs: (0437) 760881

Regional General Manager
Dr John Stoner
Llys Afon
Hawthorn Rise
Haverfordwest
Dyfed SA61 2BQ
Tel: Haverfordwest (0437) 760081
Fax: (0437) 760881



Awdurdod Afonydd Cenedlaethol
Rhanbarth Cymru



National Rivers Authority
Welsh Region

Consent No.	BJ0079201
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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 serves this Notice

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

Page 1 of 2

On: Dŵr Cymru Cyfyngedig

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

In respect of the previous Consent No. BJ0079201 issued on : 5th May 1982

For: A discharge of Biologically Treated Sewage Effluent

From: St Twynells STW, St Twynells, Pembroke, Dyfed

THE FOLLOWING REPLACE ALL PREVIOUS CONDITIONS

1. The discharge shall consist only of domestic sewage effluent from a biodisc treatment plant.

2. The discharge shall be made in the manner and at the place specified as follows:-

Discharging via : land irrigation system

Discharging to : land

At OS Grid Ref. : SR 9486 9782 (Plan No. BJ0079201)

As shown marked : Consent Point 'A' on the attached drawing number BJ0079201/1.

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 sampling manhole as shown marked 'A' on the attached drawing no BJ0079201/1.

4. The maximum volume of effluent discharged shall not exceed 18 cubic metres per day.

5. The land irrigation system must comply with Section 15 of BS 6297, (1983), and any subsequent amendments.

continued.....

Rheolwr Cyffredinol Rhanborthol
Dr John Stoner
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WATER RESOURCES ACT 1991
Continuation Sheet

Consent No. BJ0079201

page 2 of 2

6. No part of the sub-surface soakaway system shall lie within 10 metres of the nearest watercourse.
7. The discharge shall not cause any adverse effects on sources of water used for public or private potable supply.
8. The treatment plant shall be operated and maintained in accordance with the manufacturer's instructions.
9. The works shall be operated so as to prevent the effluent from causing ecological damage or from having any adverse aesthetic impact.
10. This consent is issued with respect to Prohibition Notice Reference Number SW587

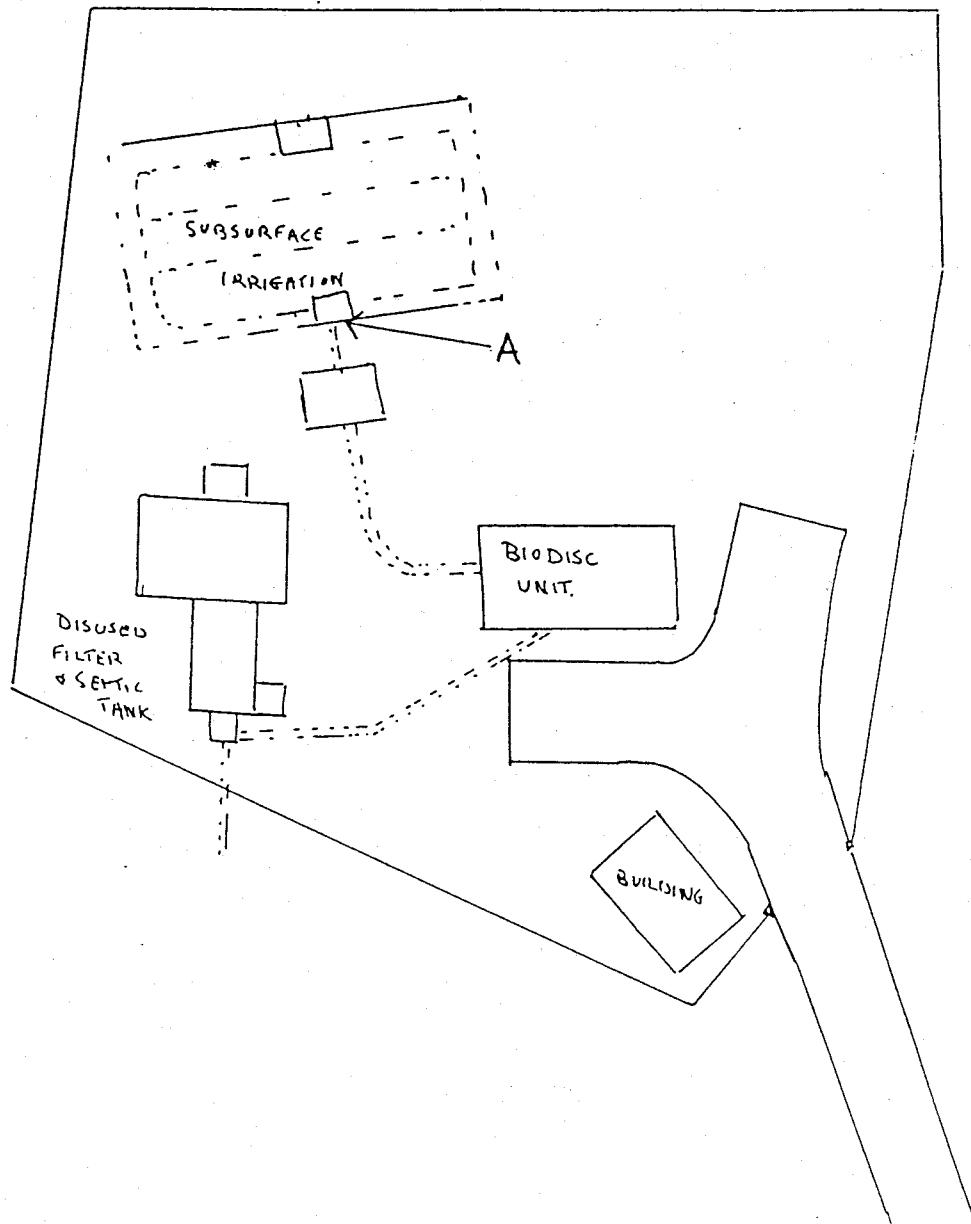
This Notice is served on: *25th May 1993* on behalf of the Authority
by: *[Signature]* Area Environmental Quality Manager

During the period ending with the *24th May 1995* the terms of this Notice will not be altered without the written agreement of the person making the discharge.

[illegible]

ST. TWYNELLS S.T.W.

Plan No. BJ0079201/1.



NOT YET OPERATIONAL ^{O.K.} 15/2/91 SW

WEPD/F/3/88/D7

WO REF WEP/WS 9112/55
WWA REF BJ 0079201

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 Stem Brook from the St Twynells Sewage Treatment Works at National Grid Reference SR 948 979 ("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

Alun H H Jones

13/11/1989

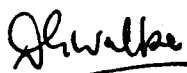
WATER ACT 1989
CONSENT TO DISCHARGE BIOLOGICALLY TREATED SEWAGE EFFLUENT FROM THE
ST TWYNNELS SEWAGE TREATMENT WORKS INTO THE STEM BROOK

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 Stem Brook at the St Twynnels Sewage Treatment Works. National Grid Reference SR 948 979 ("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.



Signed on behalf of the Authority

17 November

1989

SCHEDULE

Conditions prescribed for the discharge of biologically treated sewage effluent to Stem Brook at the St Twynells 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 SR 948 979.
3. The volume of effluent under dry weather conditions shall not exceed 18 cubic metres in any period of 24 hours.
4. The maximum rate of flow discharged to the river at any time shall not exceed 0.55 litres per second. All sewage flow rates up to the maximum quoted above shall receive biological treatment.
5. 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 numerical quality limits (determinands) save as provided for in the Annex (by reference to the table included therein) to this Schedule.
 - 5a. The suspended solids concentration (dried at 105 degrees celsius) shall not exceed 80 milligrams per litre.
 - 5b. The BOD (Biochemical Oxygen Demand) concentration determined in the presence of 0.5 milligrams per litre of allyl-thiourea shall not exceed 62 milligrams per litre.
 - 5c. The ammoniacal nitrogen concentration expressed as nitrogen shall not exceed 50 milligrams per litre in winter and 27 milligrams per litre in summer.

6. In the event of any application in writing to the Company for consent to any new discharge to the sewerage system of any substance detailed in List II of Directive 76/464/EEC (4 May 1976) the Company shall as soon as reasonably practicable inform the Authority in writing of that application including the details of the substance concerned and whether or not such authorisation has been granted and the terms thereof.

7. Any previous consents issued by the Secretary of State in respect of effluents to which this discharge related shall be revoked as from the date of this consent.

8. The validity period for this consent shall be at least 2 years from the date on which it takes effect unless the Company and the Authority agree otherwise.

NOTE: For the purpose 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.

ANNEX

Where the number of samples taken in one year (that is from the 1 April to the 31 March) falls within any of the ranges given in Column 1 of the table below, the number of samples which are inferior to a specified numerical quality limit determinand set in Paragraph 5, and where relevant, Paragraph 8 of the Schedule 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.

TABLE

Column 1	Column 2
Series of samples taken in any year	Maximum number of samples in which the same numerical quality limit may be exceeded.
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

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 :

ST. TWYNELLS SEWAGE TREATMENT WORKS

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

THE EXISTING OUTLET is to : tributary of Stem Brook

at National Grid Reference : SR 9486 9785

and has been shown marked : Discharge Point

on the attached Plan, No. : RW/0347/1/1

THE PREVIOUS CONSENT was : Consent

Reference No. - GS 2463

granted on : 15th September 1972

by : South West Wales River Authority

to : Pembroke Rural District Council

The Authority submitted this Notification of Variation on : 5th February 1982 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 : 5th May 1982

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	25	milligrams per litre
Suspended Solids dried at 105°C	37	milligrams per litre

Rate of discharge	-	litres per second
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Volume during any period of 24 consecutive hours	-	cubic metres
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Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours	18	cubic metres
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3. Adequate facilities shall be provided for the taking of samples of the effluent at: outlet to tributary of Stem Brook

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 Fifth day of May 1984.

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

SOUTH WEST WALES RIVER AUTHORITY
RIVERS (PREVENTION OF POLLUTION) ACTS, 1951-1961

Consent to discharge of effluent.

The South West Wales River Authority pursuant to the provisions of the above mentioned Acts, hereby consent to the construction of an outlet and to the discharge of effluent therefrom upon the following conditions:—

1. NAME AND ADDRESS OF PERSON
to whom consent is given

The Clerk, Penyffai House, Penvfai Lane, Cardiff, S.W. Wales.
At: Wymell's Sewage Disposal Unit - Wymell's Lane, Wymell, Cardiff

2. PREMISES to which consent relates

3. OUTLET

- (a) Location—situated on right/left bank of River Cardiff Brook
a tributary of the River Cardiff
Map reference OS 100, Grid reference 9488.9795
- (b) Construction— 6" diameter Pipe
- (c) Use—restricted to Sewage/~~Storm Sewage~~/Trade/~~Farm~~ Effluent produced at the above mentioned premises.

4. DISCHARGE

- (a) Nature Sewage, effluent
- (b) Volume or rate of discharge 1,000 g.p.d., d.w.f.
Maximum rate of discharge 3,240 g.p.d.
- (c) Temperature not to exceed 21 °C.
- (d) Composition:—
(i) pH value not less than 6.0 or more than 8.5
(ii) Suspended solids not more than 20 p.p.m.
(iii) Dissolved solids not more than 20 p.p.m.
(iv) 5 day B.O.D. at 20°C. not more than 20 p.p.m.
(v) Oxygen absorbed from acid permanganate in
3 mins at 27°C. not more than 20 p.p.m.
4 hrs
(vi) Ammoniacal nitrogen (as N) not more than 20 p.p.m.
(vii) Effluent shall pass the methylene blue stability test (5 days at 20°C.)
(viii) Effluent shall not contain any other polluting substance or substances in concentrations toxic to fish and other animals.

- (e) Sampling point to be located at point of outlet

5. PERIOD OF CONSENT

The terms of this consent will not without the consent in writing of the person to whom this consent is given be altered before the expiration of the period ending with the 30th day of June 19 70.

Dated this 27th day of June 19 68.

Clerk of the Authority.

South West Wales River Authority

E. A. GRIFFITHS
SOLICITOR

CLERK OF THE AUTHORITY

TELEPHONE NO. 4291/2

OUR REF.

YOUR REF.

*Penyfai House,
Penyfai Lane,
Llanelli,
Carmar.*

24th March, 1969.

Dear Sir,

Rivers (Prevention of Pollution) Acts, 1951-1961

St. Tysul's Sewage Disposal Works.

Swilford River Sewage Disposal.

I refer to official consent dated 27th June, 1968 and would inform you that the Authority approve of the following amendment(s):-

~~DETAIL~~ (a) Location - situated on left bank of Sten Brook. Map reference G.S. 25" 21/79. Grid reference 9458 7785.

The Authority's consent dated 27th June, 1968 is therefore amended accordingly.

Yours faithfully,

Clerk of the Authority.

RECORDED DELIVERY No. 371438

The Clerk,
Porthcove Rural District Council,
Pulver House,
Porthcove.

Dated this 27th day of June

day of June 19 70.

Clerk of the Authority.

SOUTH WEST WALES RIVER AUTHORITY
RIVERS (PREVENTION OF POLLUTION) ACTS, 1951-1961

Consent to discharge of effluent

The South West Wales River Authority pursuant to the provisions of the above mentioned Acts, hereby consent to the construction of an outlet and to the discharge of effluent therefrom upon the following conditions :—

1. NAME AND ADDRESS OF PERSON
to whom consent is given

**The Clerk, Pembroke Rural District Council,
Tudor House, Pembroke.**

2. PREMISES to which consent relates

**Effluent discharge - St. Tynanella Sewage
Treatment Works.**

3. OUTLET

- (a) Location—situated on ~~right~~/left bank of ~~River~~ **unnamed**
~~a~~ tributary of the ~~River~~ **Castle Martin Brook**
 Map reference **O.S. 21 88 99**, Grid reference **9490 9805**
 (b) Construction— **6"** diameter **Pipe**
 (c) Use—restricted to Sewage/~~Storm~~ Sewage/~~Trade~~/~~Farm~~ Effluent produced at the above mentioned premises.

4. DISCHARGE

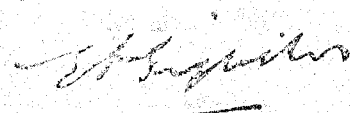
- (a) Nature **Sewage Effluent**
 (b) Volume or rate of discharge **3,960 g.p.d. D.W.F.**
 Maximum rate of discharge **11,880 g.p.d. 3 D.W.F.**
 (c) Temperature not to exceed **21°C.**
 (d) Composition :—
 (i) pH value not less than **6.0** or more than **8.5**
 (ii) Suspended solids not more than **30** p.p.m.
 ~~(iii) Dissolved solids not more than~~ **7** p.p.m.
 (iv) 5 day B.O.D. at 20 °C. not more than **20** p.p.m.
 ~~(v) Oxygen absorbed from acid permanganate in~~
 ~~3 mins~~ **at 27 °C. not more than** **4 hrs** p.p.m.
 ~~(vi) Ammoniacal nitrogen (as N) not more than~~ p.p.m.
 ~~(vii) Effluent shall pass the methylene blue stability test (5 days at 20 °C.)~~
 (viii) Effluent shall not contain any other polluting substance or substances in concentrations toxic to fish and other animals.

- (e) Sampling point to be located at **point of outlet**

5. PERIOD OF CONSENT

The terms of this consent will not without the consent in writing of the person to whom this consent is given be altered before the expiration of the period ending with the **30th** day of **September,** 19 **74**.

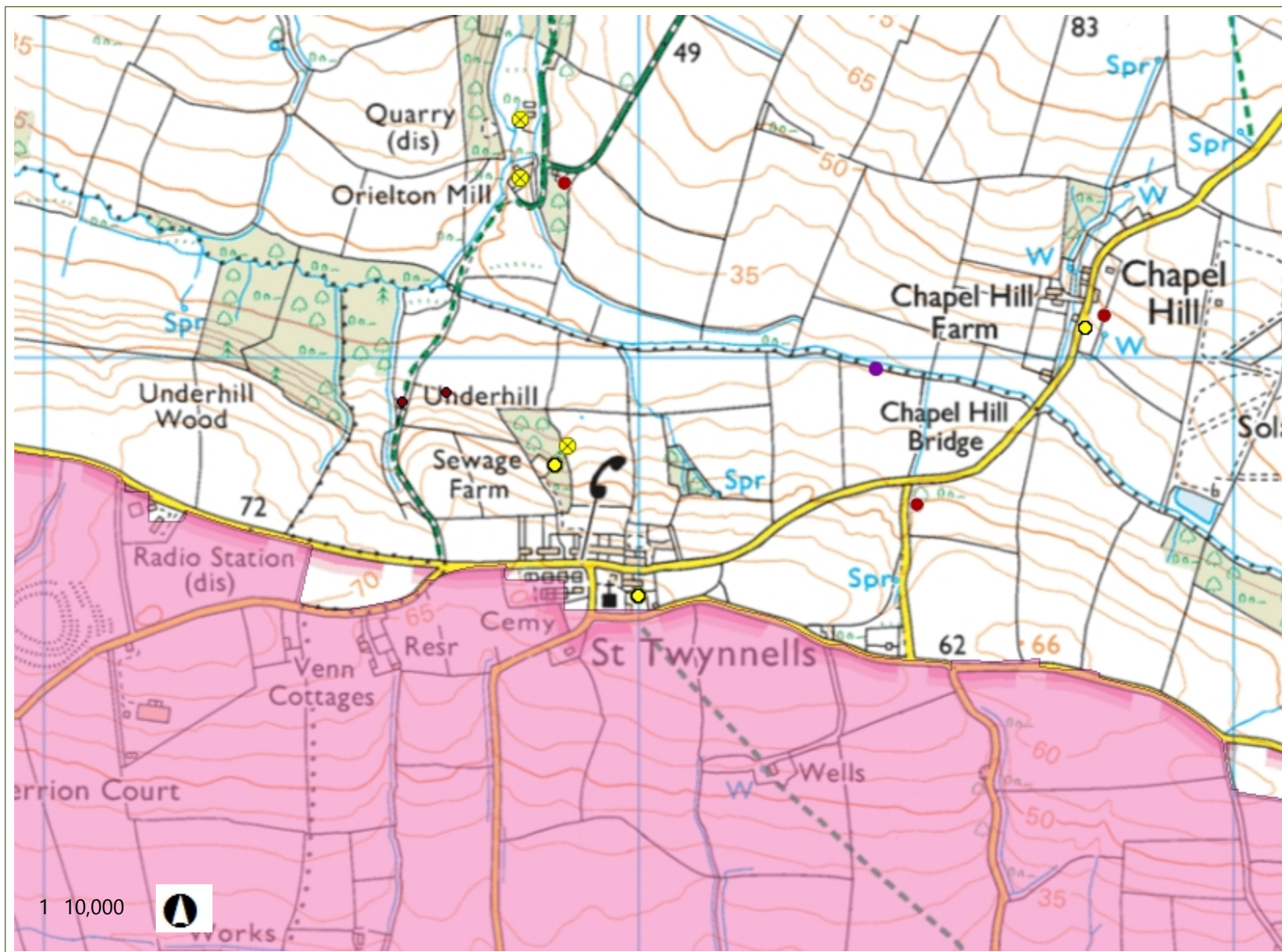
Dated this **18th** day of **September,** 19 **72**.


Clerk of the Authority.

Legend

- WIMS Active Discharge Outlets
- ⊗ WIMS Revoked Discharges
- NALD Licence Abstraction Points
- ⊗ NALD Deregulated Abstraction Points
- NALD Licence Abstraction Reaches
- NALD Licence Deregulated Abstraction Reaches
- NIRS Incidents
- WIRS
- Historic NIRS Incidents (EAW) April 2001 to March 2013
- Dee Water Protection Zones
- Ramsar
- Special Areas of Conservation
- Special Protection Areas
- Sites of Special Scientific Interest
- Source Protection Zones Individual

Notes



0.5 0 0.25 0.5 Kilometers

British_National_Grid

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