

DETAIL 'B'
LLYNYFAN FILTER BEDS
LOCATION PLAN
SCALE 1:2500

AMENI

DRG. No.

5.

KEY

— WATER MAIN

- - - - - SEWER

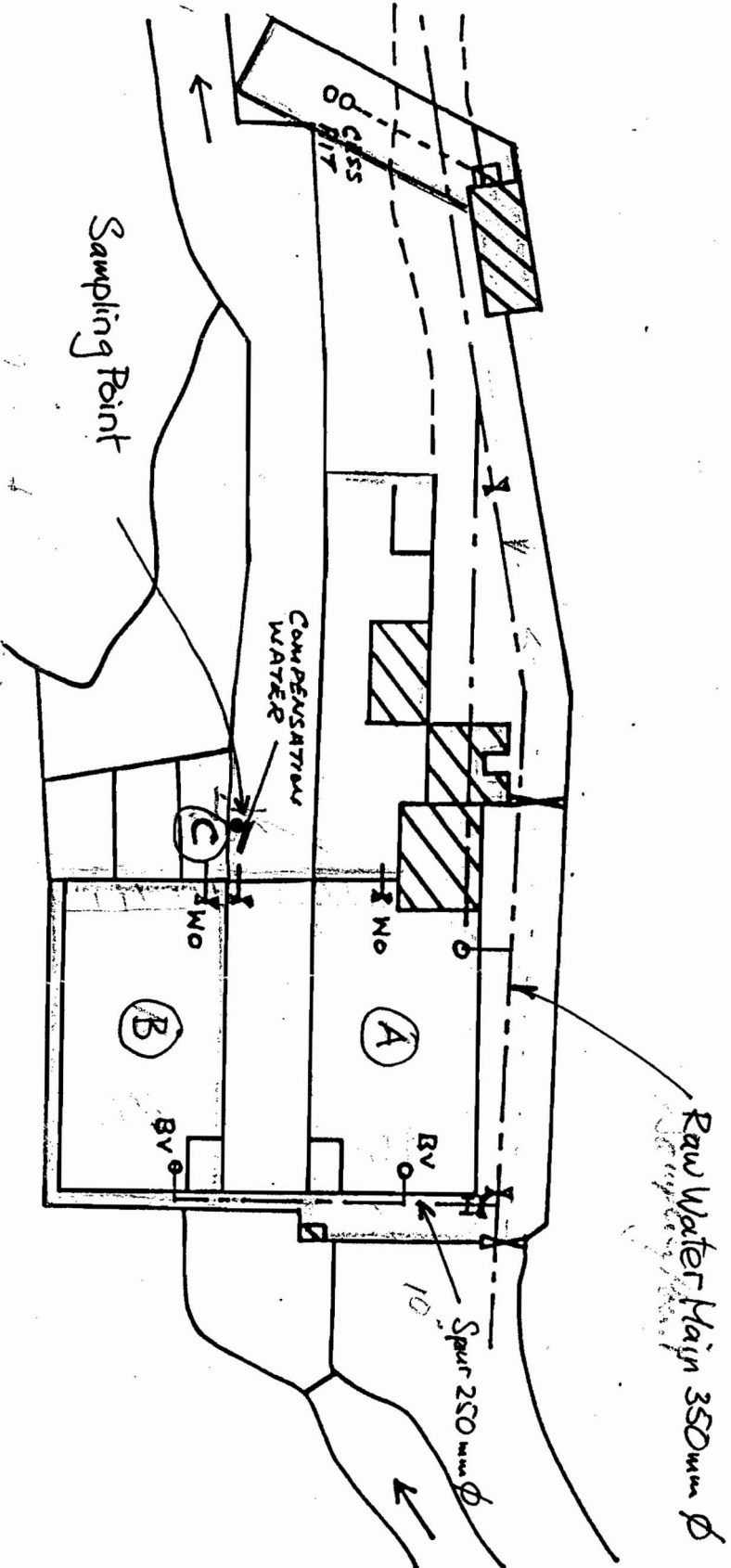


AREA OF LAND TO BE SOLD



6.0 METER
EASEMENT

Sampling Point



- 7 JUN 1999

**J. H. ASTILL
& ASSOCIATES**
Soil & Water Engineers

Dryslwyn
Llanafan
Aberystwyth
Dyfed : SY23 4AX
Tel: Crosswood (01974) 261237

Helen Williams
Water Quality Consents
Environment Agency
154/156 St Helens Road
Swansea
West Glamorgan : SA1 4DF

OUR REF P1.02

3rd June 1999

Dear Helen,

DISCHARGE CONSENT APPLICATION
LLYN-Y-FAN TROUT HATCHERY

By now I guess that you will have received the above application from the Finance Officer. You will note that we did not have accurate figures in respect of the rate of discharge, however, the flow rate monitoring has now been completed and the result is as follows :-

1,053,000 gallons per day = 4786.3636 m³ per day
= 199.4318 m³ per hour
= 0.0553977 m³ per second
= 55.3977 litres per second

I trust that this information will be helpful.

Yours sincerely


J H ASTILL





ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Eich cyf/Your ref.

Ein cyf/Our ref. BP 0278901

Dyddiad/Date: 18 October 1999

Ms Olwen Hardwick
Llyn-y-Fan Trout Hatchery
Llanddeusant
Llangadog
Nr. Llandeilo
SA19 9UN

Dear Ms Hardwick

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR CONSENT TO DISCHARGE TRADE EFFLUENT FROM PREMISES AT LLYN-Y-FAN TROUT HATCHERY, LLANDDEUSANT, LLANGADOG, NR. LLANDEILO. APPLICATION NO. BP 0278901.

Further to your application the Agency has decided that consent should be given subject to conditions. I enclose the Agency's formal consent to discharge trade effluent from Llyn-y-Fan Trout Hatchery.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. The charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet.

If you consider that the conditions imposed by the consent are unreasonable you have a right of appeal to the National Assembly for Wales, Cathays Park, Cardiff, CF10 3NQ.

Notice of an appeal must be given in writing within three months of this notification and must be accompanied by a statement of the grounds of appeal.

If granted, a consent under Schedule 10 of the Act, covers water quality considerations only. It does not alter the need to obtain any other consents or approvals which might be required in connection with your proposal under other legislation. For example it does not give any right or permission to discharge where land is not owned by the applicant.

Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This is to ensure that the rights and charges associated with the Consent are transferred to the new holder. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

Asiantaeth yr Amgylchedd Cymru
Llys Aton, Hawthorn Rise, Hwlfordd, Sir Benfro. SA61 2BQ
Ffôn: 01437 760081. Ffacs: 01437 760881

Environment Agency Wales
Llys Aton, Hawthorn Rise, Haverfordwest, Pembrokeshire. SA61 2BQ
Tel: 01437 760081. Fax: 01437 760881



If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Mr Alan Jones, Team Leader Environment Protection, Environment Agency, 'Plas Gwendraeth', Heol Y Parc Mawr, Crosshands Business Park, Carmarthenshire, SA14 6RE.

Yours sincerely,


NIALL REYNOLDS
Environment Planning Manager

Enc.

CONSENT NO.

BP0278901



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

CONSENT TO DISCHARGE

TO: Ms Olwen Hardwick
Llyn-y-Fan Trout Hatchery
Llanddeusant,
Llangadog,
Nr. Llandeilo SA19 9UN

The **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY CONSENTS** to the making of a discharge **OF TRADE EFFLUENT**, as follows:

FISH FARM EFFLUENT

FROM: LLYN-Y-FAN TROUT HATCHERY

AT: LLANDDEUSANT, LLANGADOG, NR. LLANDEILO

TO: AFON SAWDDE

SUBJECT TO the conditions set out in the following schedule(s):

FISH FARM EFFLUENT

Schedule No. BP0278901 01

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, altering this consent without the agreement in writing of the consent holder, during a period of 4 years from the date this consent takes effect.

This consent is issued and takes effect on the 15th day of October 1999

Signed
Water Quality Consents Team Leader

Asiantaeth yr Amgylchedd Cymru

Glan Tawe, 154 Ffordd Sant Helen, Abertawe SA1 4DF, Ffon 01792 645300, Ffacs 01792 648652

Environment Agency Wales

Glan Tawe, 154 St Helens Road, Swansea, Tel 01792 645300, Fax 01792 648652



CONSENT NO.	BP0278901
SCHEDULE NO.	BP0278901 01
DATE ISSUED	<i>15th October 1999</i>



**ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

FISH FARM EFFLUENT ("the Discharge")

FROM: LLYN-Y-FAN TROUT HATCHERY, LLANDDEUSANT, LLANGADOG, NR. LLANDEILO

1. (a) The Discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
- (b) Provided that the Discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition (a) above by reason of containing substances or having properties identified in and controlled by these conditions.

NATURE

2. The Discharge shall consist solely of trade effluent comprising treated fish farm effluent.
3. All water abstracted at the inlet for use in the fish farm must be passed through the point of Discharge and will be regarded as trade effluent.

LOCATION

4. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a channel;
 - (b) discharging to the Afon Sawdde;
 - (c) at National Grid Reference SN 8029 2303;
 - (d) shown marked 'Consent Point' on Plan BP0278901 attached as Annex 1.

SAMPLING POINTS

5. The inlet to the fish farm and the outlet to the watercourse shall be constructed and maintained so that a representative sample of the inlet water and the Discharge may be obtained at National Grid Reference SN 8031 2302 and SN 8029 2303 respectively, as shown marked 'Influent Sampling Point' and 'Consent Point' on Plan BP0278901.



CONSENT NO.	BP0278901
SCHEDULE NO.	BP027890101



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Agency Wales**

VOLUME

6. The volume of the Discharge shall not exceed 4800 cubic metres per day.

FLOW MEASUREMENT

7. A flow measurement structure shall be provided and maintained to enable the daily volume of the Discharge to be measured or determined as required. Access to the apparatus for the purpose of taking readings must be available to Agency staff at any time.
8. Flow readings shall be taken by the consent holder at least monthly and records of the readings must be kept available for inspection by the Agency on request.

SCREENING

9. The inlet to the fish farm and Discharge point shall be screened by means of simple mesh screens to the satisfaction of the Agency to prevent ingress of wild fish and escape of farm stock.

COMPOSITION

10. Passage of water through the fish farm as measured by the difference in composition between samples of the inlet water to the fish farm and the Discharge shall not increase:
 - (i) the biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea) by more than 2 milligrammes per litre;
 - (ii) the concentration of ammonical nitrogen (expressed as N) by more than 0.5 milligrammes per litre;
 - (iii) the concentration of suspended solids (measured after drying at 105°C) by more than 5 milligrammes per litre;
11. The Discharge shall exhibit a content of Dissolved Oxygen not less than 60% of air saturation, except where the influent waters have a lower concentration, that lower percentage shall apply to the Discharge as a minimum.
12. The pH of the Discharge shall not be less than 6 or greater than 9 pH units.
13. The Discharge shall not contain any material in quantities sufficient either directly or in combination with the river water to cause visible fungal growth in the receiving watercourse downstream of the Discharge.



CONSENT NO.	BP0278901
SCHEDULE NO.	BP027890101



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Agency Wales**

14. The discharger shall notify the Agency in writing before using disinfectants, fungicides, biocides, pesticides, bactericides, detergents, antibiotics, growth hormones or other chemical and shall keep a record of the substance to be used, date and time of use, total amount used and period of dosing.
15. As far as is reasonably practicable, the fish farm shall be operated so as to prevent:
 - (a) any matter being present in the Discharge, other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
 - (b) the Discharge from having any other adverse environmental impact.



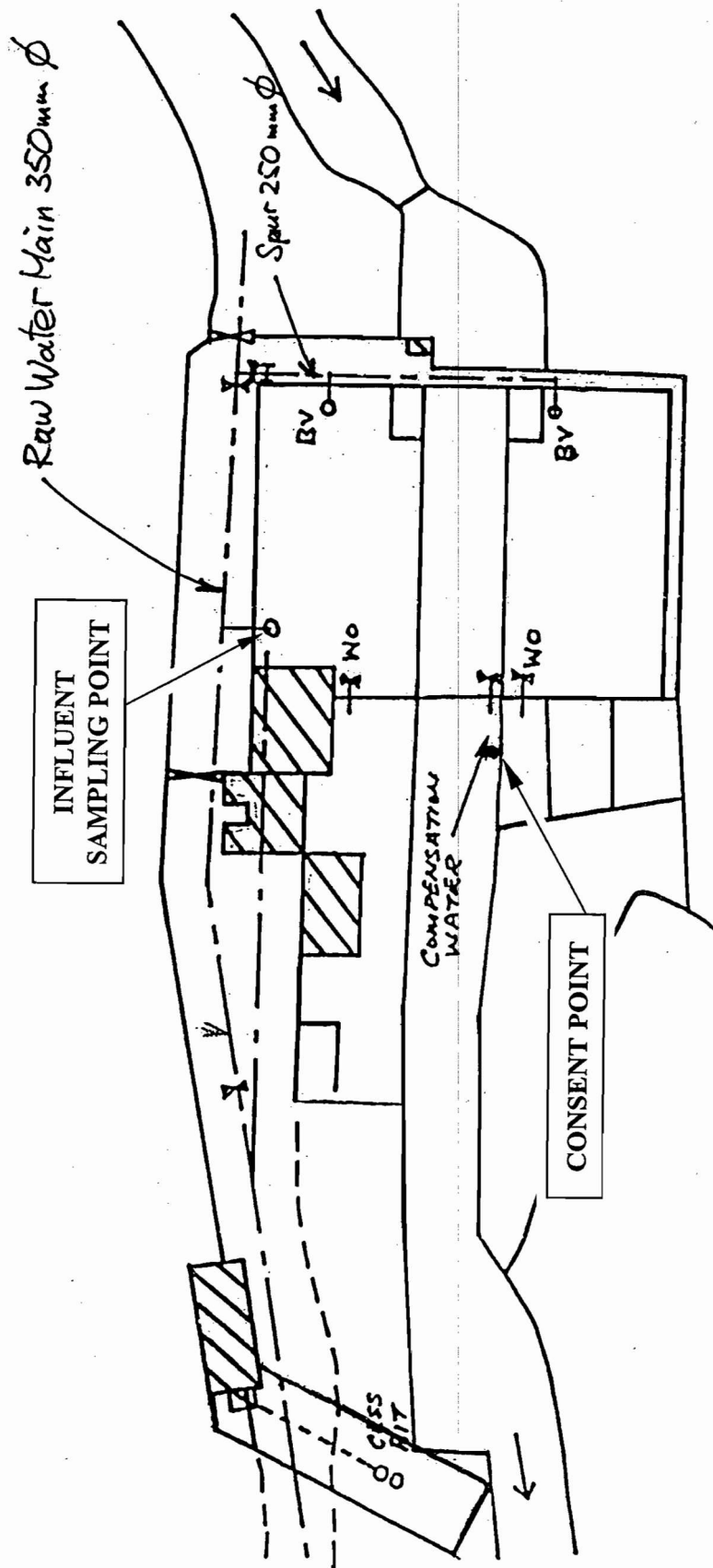
KEY

— WATER MAIN
- - - - - SEWER

LLYN-Y-FAN TROUT HATCHERY,
LLANDEUSANT, LLANGADOG

ANNEX 1

BP0278901



FILE COPY

Our Ref:WQ/VS/BP027890101



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

The Proprietor
Llyn y Fan Trout Hatchery
Llanddeusant
Llangadog
Nr Llandeilo
SA19 9UN

17th June2002

Dear Sir/Madam

**WATER RESOURCES ACT 1991 (AS AMENDED)
USE OF MALACHITE GREEN**

As you will be aware Malachite Green is no longer available as an anti-fungal agent for use in aquaculture. In consequence the Secretary of State for Environment, Food and Rural Affairs has Directed the Agency to remove any permissions for discharge of that substance to controlled waters.

Your consent Number BP027890101 does not include a specific permission to discharge Malachite Green, but it does include a requirement for you to obtain the prior agreement of the Agency for the use of any chemicals that could present in any discharge. Under this condition the Agency specifically prohibits the use of Malachite Green at your fish farm. As a consequence of this notification you must immediately cease any discharge of Malachite Green.

The Agency recognises the need for use of anti-fungal agents. On a temporary basis to allow you to continue your business we are prepared to permit the presence in your effluent of substitute fungicides, subject to your strict adherence to manufacturers guidance and any guidance or instruction from other regulators such as Veterinary Medicines Directorate (VMD) and Food Standards Agency (FSA). This permission to use substitute fungicides shall remain effective only until such time as the Agency agrees your use of chemicals, as set out below. Further use of any chemicals after that time must only be made in accordance with the terms of the consent conditions.

Where the substitute is Pyceze, (bronopol), your strict adherence to the manufacturer's guidelines is expected to be sufficient to protect the environment and you may for the time being discharge the resultant effluent in admixture with your normal effluent, maximising its dilution as far as possible.

You will note that your consent requires the prior agreement of the Agency to the use of all therapeutic and prophylactic chemicals on your fish farm. The Agency has adopted this prior approval requirement as a more flexible and effective regulation of discharges of such chemicals to the environment than limiting concentrations in the discharge. The



approval will be a continuing agreement to specified chemicals in your effluent dependant on the specific method of use on your site. Note that the use of therapeutic and prophylactic chemicals for the treatment and husbandry of fish is a matter for VMD and FSA. You will not be required to seek agreement of the Agency for each occasion you wish to use agreed chemical treatments in accordance with your plan. These chemicals have the potential to affect the receiving watercourse and the Agency's aim is to ensure that your proposed use will not have any off-site effects.

However, this requirement will not prevent your use of therapeutic chemicals during the period from now until such time as the Agency agrees your proposed use. Provided you apply for approval, as set out below, the Agency agrees to your continued use of all current chemicals (except Malachite Green) for a period of six months from the date of this letter or until you receive Agency approval of your plan, whichever is the sooner.

You will need to seek agreement from the Agency for the presence in your effluent of any chemicals that you currently use either regularly or occasionally. To implement this process you should prepare a plan of your proposed usage of substitute fungicides and any other chemical treatments that you may wish to use on your site. These details should include the chemicals (trade name and active ingredients) you propose to use, how they will be used on your site (concentrations, location, etc) and how you propose to dispose of the chemical after use. For instance, the likely concentration of chemical in any treatment tank and its planned rate of flow into your final discharge flow. This plan should be sent to me at the address below by 17th July 2002. If the Agency is satisfied that your proposed use plan poses negligible risk to the environment then we will write to confirm that you may continue use according to your plan. If we are not satisfied then the Agency may request changes in your plan, and you will then be required to comply with those changes. Any such changes will normally be required only after discussion with you.

We expect that in the majority of cases it will not be necessary for us to impose numeric ~~limits on prophylactic and therapeutic chemicals. However, we reserve the right to do so.~~ If in the future you wish to change the chemicals that you use or the way you use them you must write to the Agency asking for agreement to the change in your plan. The Agency reminds you that using any chemicals other than in accordance with the conditions of your consent is an offence and may result in enforcement action. Our aim is to ensure that no discharges adversely affect the environment and to be able to demonstrate this to other river users. I am sure that as a river user you support this aim.

These changes will not affect your present liability to annual discharge charges. If you have any questions please contact me as soon as possible at the address below.

Yours faithfully



Stuart Thomas
Team Leader, Discharge Consents

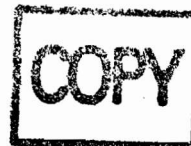
Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: LLYN Y FAN TROUT FISHERY
THE PROPRIETOR
LLANDDEUSANT
LLANGADOG
NEAR LLANDEILO SA19 9UN



NB: For a body corporate the job title is a point of contact.
Holder Start Date: 15-OCT-99

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent BP027890101 Consent Issued: 15-OCT-99

Nature of Discharge(s); TRADE EFF/AQUACULTURE/CONTINUOUS
at

LLYN Y FAN TROUT HATCHERY LLANDDEUSANT LLANGADOG

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: BP027890101

Name: LLYN Y FAN TROUT FISHERY

Consent Issued: 15-OCT-99

Address:

THE PROPRIETOR
LLANDDEUSANT
LLANGADOG
NEAR LLANDEILO SA19 9UN

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
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: LLYN Y FAN TROUT FISHERY
THE PROPRIETOR
LLANDDEUSANT
LLANGADOG
NEAR LLANDEILO SA19 9UN



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Consent: BP027890101

Name: LLYN Y FAN TROUT FISHERY

Consent Issued: 15-OCT-99

Address:

THE PROPRIETOR
LLANDDEUSANT
LLANGADOG
NEAR LLANDEILO SA19 9UN

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:

