

Consent to Discharge

Water Resources Act 1991 (as amended by the Environment Act 1995)

Consent Holder

Mr Malcolm Atherton

Pysgotfa Prysor Fishery

1 Dolmelynlyn Cottage

Ganllwyd

Dolgellau

Gwynedd

LL40 2HP

Consent to Discharge from

Prysor Hatchery

Trawsfynydd Lake

Trawsfynydd

Blaenau Ffestiniog

Gwynedd

LL41 4TS

Consent Number

NPSWQD009326

Consent to Discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)



**Environment
Agency**

Consent to Discharge

Consent Number:

NPSWQD009326

To:

Mr Malcolm Atherton ("the Consent Holder")

Pysgotfa Prysor Fishery

1 Dolmelynlyn Cottage

Ganllwyd

Dolgellau

Gwynedd

LL40 2HP

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991(as amended by the Environment Act 1995) hereby consents to the making of a discharge:

Of:

Trade effluent consisting of fish farm effluent ("the Discharge")

From:

Prysor Hatchery

At:

Trawsfynydd Lake, Trawsfynydd, Blaenau Ffestiniog.

To:

Trawsfynydd Lake

Subject to the conditions set out in this notice of Consent to Discharge.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991(as amended by the Environment Act 1995), no notice shall be served by the Agency, altering this consent, without the agreement of the Consent Holder, during a period of 4 years from the date this consent takes effect.

This Consent is granted on: 22nd January 2010.

This Consent takes effect on the date specified in Condition 1.11 of this Consent.

Signed

Lynn Rogers

Permitting Team Leader

1 Conditions of Consent for trade effluent

1.1 Nature

1.1.1 The Discharge shall consist solely of fish farm effluent.

1.2 Place of Discharge

1.2.1 The Discharge shall be made in the manner and at the place specified as:

- a** discharging to Trawsfynydd Lake;
- b** at National Grid Reference SH 69879 38175;
- c** shown marked "OUTLET" on the Site Plan attached to this consent.

1.3 Sampling Point Requirements

1.3.1

- a** An appropriately labelled discharge sample point shall be provided and maintained at National Grid Reference SH 68979 38175, as shown marked 'OUTLET' on the attached Site Plan, or some other point as agreed in writing with the Agency, so that a representative sample of the Discharge may be obtained.
- b** An appropriately labelled inlet sample point shall be provided and maintained at National Grid Reference SH 7003 3823, as shown marked 'INLET' on the attached Site Plan, or some other point as agreed in writing with the Agency, so that a representative sample of the inlet water may be obtained.
- c** The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown that any sample of the Discharge taken at the said sampling point is a sample of what was being discharged into controlled waters.

1.4 Volume

1.4.1 The volume of effluent measured at the outlet or other agreed point shall not exceed 91 cubic metres per day.

1.5 Composition

1.5.1 Passage of water through the farm as measured by difference in composition between samples at the Inlet and Outlet shall not increase :

- a** The biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea) by more than 2mg/l
- b** Suspended solids (measured after drying at 105°C) by more than 5mg/l
- c** Ammoniacal nitrogen (expressed as N) by more than 0.5 mg/l

1.5.2 The Discharge shall not have a pH less than 6 nor greater than 9.

1.5.3 The effluent discharged to the relevant waters shall exhibit a content of Dissolved Oxygen not less than 60% of air saturation.

- 1.5.4 As far as is reasonably practicable, the site shall be operated so as to prevent the Discharge from containing any visible oil or grease.

1.6 **Farm Operation Condition**

The farm shall be operated and effluent shall be treated in a manner that, so far as reasonably practicable, minimises the polluting effects of the Discharge made from the farm on controlled waters.

This condition does not require;

- a** Any higher standard to be achieved in relation to any characteristics of the discharge that is specifically regulated by numeric quality conditions of this consent than is required by those conditions.
- b** Any alteration of the farm or a change in the type of treatment used.

- 1.6.2 The effluent discharged to the relevant waters shall not contain;

- a** any material in quantities sufficient to cause fungal growth in river water below the farm
- b** any substance in concentration such as to cause the waters to be poisonous or injurious to fish, or the spawning grounds, spawn or food of fish.

1.7 **Chemical use plan**

1.7.1

- a** The Consent Holder shall prepare a plan of use for all the prophylactic or therapeutic chemicals that they propose to use on the fish farm that could be present in the effluent, including method of use, quantities and, where necessary, the method for disposal of used or surplus chemicals. They shall notify the Environment Agency of this plan by sending a copy.
- b** The Consent Holder shall not use any prophylactic or therapeutic chemicals on the farm unless they have notified the Environment Agency in advance in the Chemical use plan. If the Consent Holder wishes to use a new chemical, they must notify the Environment Agency in advance by sending a revised chemical use plan, including the new chemical.
- c** The Consent Holder shall comply with any conditions relating to the use and/or discharge required by the Environment Agency and shall keep a record of use to be submitted to the Environment Agency on request

1.8 **Maintenance**

1.8.1 The site shall be operated and maintained in accordance with good operational practice such that:

- a** it remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to and returned to normal operation as soon as practicable after the failure;
- b** the Agency shall be informed of any failure that may have adversely affected effluent quality as soon as practicable after the failure;
- c** the settlement pond shall be desilted at sufficient frequency to maintain its effective operation and in such a manner to prevent excessive carryover of suspended solids.

1.9 **Screening**

1.9.1 The inlet and discharge points on the farm must be adequately screened to prevent ingress of wild fish and escapes of farm stock. Smolt traps must be provided in appropriate situations.

1.10 **Recording and Reporting**

- 1.10.1
- a** The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
 - b** On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.

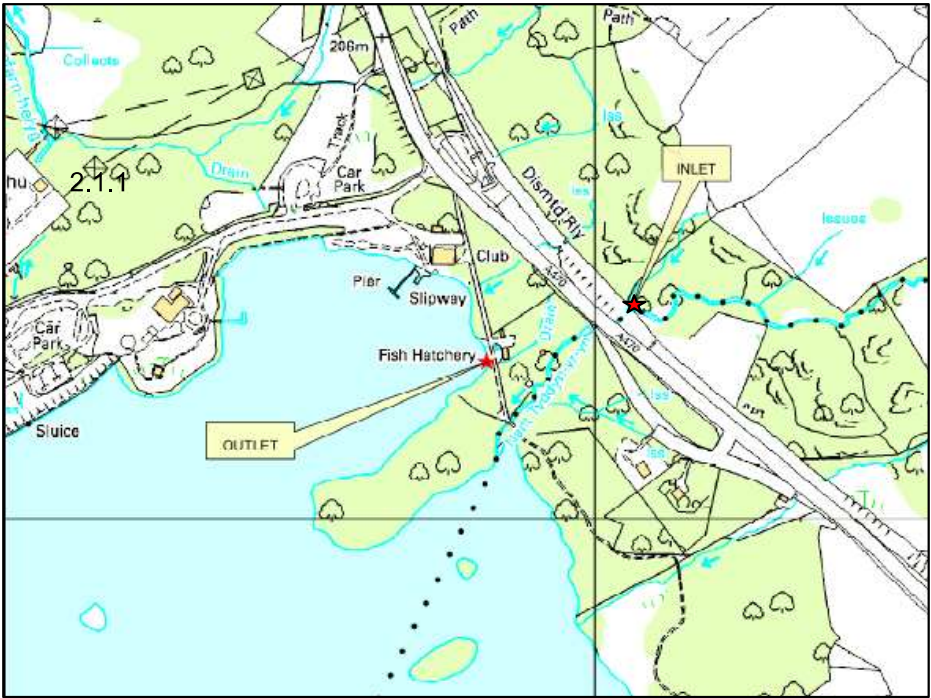
1.11 **Start Date**

1.11.1 There shall be no discharge under the terms of this consent until the 1st April 2010 or the start of commissioning of the on shore hatchery whichever is the sooner. The consent holder shall give the Agency at least 28 days written notice before making the discharge.

2

Site Plan

2.1



© Crown Copyright. All rights reserved. Environment Agency, 100026380, 2010