BALLYOUFF

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 to 2007

LICENCE TO DISCHARGE EFFLUENT

TO WATERS

TO: Gerard & Margaret Kirwin
Goatsbridge Trout Farm Limited
Goatsbridge
Thomastown
Co. Kilkenny

Ref. No. in Register: ENV/W/45

Kilkenny County Council in exercise of the Powers conferred on it by the Local Government (Water Pollution) Acts 1977 to 2007 hereby grants a reviewed discharge licence dated January 09th, 2013, Reference ENV/W/45 to discharge trade effluent to waters, subject to the Schedule of Conditions attached.

Carol McCarthy
Delegated Officer.

Schedule of Conditions

Condition 1: Scope

1.1 This licence refers to the discharge of river water / effluent from the fish farm at Coolroe, Ballyduff, Co. Kilkenny, to the Arrigle River.

1.2 The operation of the fish farm shall be undertaken in such a manner so as to ensure compliance with the conditions attached to this licence.

Footnote: The operational aspects associated with the operation of the fish farm including fish stocking rates, hygiene and fish health, chemical usage etc, shall only be carried out under and in accordance with an Aquaculture Licence and any associated conditions attached thereto.

Condition 2: Notifications

2.1 The licence holder shall notify Kilkenny County Council by both telephone and email, as soon as practicable and in any case not later than 10:00 am on the following working day, of any emission which does not comply with the requirements of this licence. The notification shall include the date and time of the non-compliance, details of the non-compliance and the steps taken, or to be taken, to minimise the impact and prevent a reoccurrence.

2.2 In the event of a serious non-compliance which may require an emergency response from Kilkenny County Council the Council shall be notified as a matter of urgency. In the event of a serious out of hours incident the Council shall be notified by phone through the 24 hours non-fire emergency number – details of which are available on the Council Website.

Condition 3: Infrastructure

3.1 The licence holder shall ensure that any additional infrastructure not already in place but required to ensure compliance with the terms of this licence is in place as soon as practicable and in any event no later than six months following the final granting of this reviewed licence.

3.2 The licence holder shall ensure that the maximum discharge does not exceed 7,800 m^3 per day during extreme low river flows (defined for the purposes of this condition to be when the flow in the Arrigle River is at or less than 141 litres per second). At all other times the maximum discharge shall be in accordance with

the maximum river abstraction rates as detailed on the licence holder's Aquaculture Licence. The discharge shall be on a uniform basis over each 24 hour period. The licence holder shall ensure that appropriate infrastructure is in place and maintained to measure both the rate of discharge from the fish farm and the flow of water in the Arrigle River adjacent to the fish farm.

Condition 4: Monitoring

4.1 The characteristics of the effluent as discharged shall not exceed the following emission limit values (ELVs):

(All ELVs are relative to the intake water or Upstream River Water Concentration (USRC))

Ph	USRC	± 0.5	-
Suspended Solids	USRC	+10	mg/l
BOD	USRC	+2	mg/l
Total Ammonia	USRC	+0.05	mg/l - N
Molybdate-Reactive Phosphate:	USRC	+0.05	mg/l - P

4.2 Sampling of the final effluent as discharged shall be undertaken at least monthly during the first 6 months following the final grant of this reviewed licence and shall be subject to review thereafter having regard to the performance over the first 6 months. In order to demonstrate compliance with the above ELVs, sampling shall be undertaken at the intake and the discharge point. The samples shall be grab samples of the river at the point of abstraction and of the effluent / water at the point of discharge back to the Arrigle. The samples shall be taken within 15 minutes of each other. Unless otherwise specified, samples shall be collected in polythene or equivalent containers with self-sealing tamper proof caps, and refrigerated within 15 minutes of collection. The analysis shall be carried out for pH, Suspended Solids, BOD, Total Ammonia, Molydate-Reactive Phosphate with the analysis commencing within 24 hours of collection.

4.3 **Within 6 weeks** of the final date of granting of this licence, the licence holder shall submit for the written agreement of Kilkenny County Council a detailed sampling protocol which shall include sample collection, storage and delivery procedures. The protocol shall also include details of the accredited laboratory at which samples are to be analysed. In advance of submitting this protocol the licence holder shall ensure that the proposed laboratory accreditation is such as to

allow for the levels of detection necessary to demonstrate compliance with this licence.

4.4 Should Kilkenny County Council so require, the licence holder shall undertake a 24 hour flow proportionate composite sample of the effluent as discharged. Where a request for such composite sampling is made, it shall be in writing, and so as to enable the licensee to make arrangements and carry out such installation of equipment as necessary, the licensee shall be requested to collect the composite sample(s) in question within two months of Kilkenny County Council's request.

Condition 5: Reporting

5.1 The licence holder shall compile and submit to the licensing authority a report within 14 days of the end of each sampling period as specified by condition 4.2, including the results of all monitoring relating to the previous sampling period.

5.2 The format of the monitoring reports shall include a daily record of the discharge volumes, a listing of the limit values together with the monitoring results in tabular format. Where the characteristics of the discharged effluent exceed the limit values specified in condition 4.1 the report shall also include a detailed explanation for any exceedances, steps taken to minimise its impact and details of proposed measures to prevent a reoccurrence.

5.3 The monthly report shall include a register of any incident referred to in Conditions 2.1 and 2.2.

5.4 The licence holder shall maintain a copy of all relevant inspections, records, analysis and reports in the main office of the business.

5.5 The licence holder shall nominate an individual of management status whose name shall be made available to Kilkenny County Council and will be responsible for the supervision and control of the discharge subject to this licence. The name of this individual shall be notified to Kilkenny County Council **within 1 month** of the final date of granting of this licence. This individual shall be available at all reasonable times to provide access to any authorised persons to both the fish farm and any records referred to above.

5.6 The licence holder shall submit an Annual Environmental Report from a suitably qualified person which shall be due 21 days after the end of each calendar year. The report shall contain the following information in relation to the previous calendar year:

(a) All monitoring results relating to the previous calendar year including the information required under conditions 5.1, 5.2 and 5.3.

(b) An assessment of the results, particularly noting any trends. Such analysis of trends should take account of any previous reports submitted in relation to the discharge.
(c) Annual financial contribution as required by condition 6.1.
(d) Confirmation (or otherwise) that the conditions attached to the licence have been complied with.

Condition 6: Financial

6.1 The licence holder shall make a payment annually to Kilkenny County Council in respect of costs incurred in regulating the discharge licence for the preceding year. The fee relating to each year will fall due at the start of the following year and shall be invoiced by Kilkenny County County Council. The fee shall include for:

- Annual audit inspection: €150 (includes for one inspection)
- Administration charge: €150 per annum

6.2 Where non-compliances with the licence conditions occur, additional follow-up inspections will be required. These will be charged at a rate of €150 per visit.