



**Comhairle Contae  
Dhún na nGall**  
Donegal County Council

**LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977**

**LOCAL GOVERNMENT (WATER POLLUTION)  
(AMENDMENT) ACT, 1990.**

**Licence to discharge trade effluent to waters**

**LOCAL AUTHORITY**

**DONEGAL COUNTY COUNCIL**

Ms Catherine McManus,  
Technical Manager,  
Comhlucht Iascaireachta Fanad Teo.,  
Trading as Marine Harvest Ireland,  
Kindrum,  
Cashel P.O.,  
Letterkenny  
Co. Donegal.

Reference Number in Register **Lwat26**

Donegal County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977 and the Local Government (Water Pollution) (Amendment) Act, 1990 hereby grant a revised licence to Comhlucht Iascaireachta Fanad Teo., trading as Marine Harvest Ireland to discharge effluent from their effluent treatment plant at Altan Smolt & Hatchery Unit, at Procklis, Falcarragh to the Tullaghobegley River subject to the following conditions:

**1. General layout and Operations:**

- 1.1. This licence shall be in respect of the discharge of trade effluent arising in that part of the licensee's lands known as the Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh.
- 1.2. Only treated effluent arising in Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh shall be discharged as effluent. The Hatchery site shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter to the receiving waters other than via the waste water treatment system.
- 1.3. No domestic sewage or hydrocarbon oils shall be discharged with or allowed to mix with the effluent arising in Marine Harvest Ireland, Altan Smolt & Hatchery Unit Procklis, Falcarragh.

- 1.4. The licensee is required to install and maintain adequate treatment facilities to ensure that the effluent discharging from the premises of Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh complies with the conditions of this licence at all times. Where planning permission is required this must be obtained prior to installation.
- 1.5. Competent and suitably qualified staff must carry out the management and operation of the treatment plant. All plant and equipment must be covered by an appropriate maintenance contract where possible.
- 1.6. Overloading of the treatment plant due to excessive production is expressly forbidden. The effluent treatment plant's capacity shall be maintained at a level required to achieve consistent compliance with the conditions of this licence, including the capacity to deal with seasonally increased loadings. In the event of the company wishing to generate effluent loads in excess of the capacity of the treatment plant, the company shall submit details to Donegal County Council of proposals to treat the increased load by an approved route.
- 1.7. All solid waste and sludge from the effluent treatment system is to be directed from the treatment system to a sealed tanker and not cause pollution of any waterway. The waste/sludge must then be disposed of in accordance with a waste disposal permit issued by the licensing authority. Records of all waste disposal operations must be maintained and made available at any time to persons authorised under the Water Pollution Act 1977/90. These records are to be forwarded to Donegal County Council Central Laboratory, The Kube, Magheranan, Letterkenny, Co. Donegal in an Annual Report due at the end of January each year, as per 4.1 below.
- 1.8. There shall be no food pellets or pieces in the discharging effluent at any time. Food pellets must not access the river at any time. Screens no less than 10mm are to be fitted and maintained on the inlets and outlets to prevent the impingement and access of migratory and non-migratory fish species.
- 1.9. All contaminated waters from the washing of yards, fish tanks etc. must be discharged to the effluent treatment plant. No contaminated waters are to be discharged direct to any watercourse.
- 1.10. Non-trade wastewater, such as, accidental spillages, which occurs on site shall not be discharged to the treatment system or river without prior authorisation of Donegal County Council.
- 1.11. All oil/petrol/diesel storage tanks must be bunded to 110% of the volume of the tanks. Bunds must not have valve arrangements for surface water disposal and must be inspected annually to ensure that they do not leak. Oil interceptors/settlement tanks shall be provided to ensure that the effluent discharging to the river meets licence standards where necessary.
- 1.12. No substance shall be discharged in a manner or concentration, which, after initial dilution in the receiving waters, causes tainting of fish or shellfish.
- 1.13. There must be no visible fungus on the bed of the river. There shall be no adverse effects on aquatic organisms or vegetation in the river. Around the area of the discharging effluent and downstream from the discharge, if there is any evidence of fungal growth, the company shall:
  - (a) increase the level of effluent treatment to ensure compliance with licence conditions,
  - (b) take such maintenance measures as is deemed necessary.
- 1.14. The number fish and Ova on site must be recorded and these records must be made available to persons authorised under the Water Pollution Act 1977/90 if requested to do so.
- 1.15. There must be adequate compensation water flowing at all times between the point of exit of the Tullaghobegley river from Lough Altan to the point of discharge from the smolt unit. In the event of the volume of water available to the receiving water, i.e. the Tullaghobegly River, falling below minimum recorded flows of 5000m<sup>3</sup> per day, compensation water must be provided by the licensee. The means of providing this compensation water shall be consistent with maintaining the normal fish migration patterns of the river. Should the compensation water

specified prove insufficient for any reason, e.g. the maintenance of river quality, the company shall provide further compensation water, the volume of which shall be determined by Donegal County Council, or, if necessary, reduce the flow from the fish farm to a volume to be determined by Donegal County Council.

- 1.16. The effluent must be treated in such a manner so as to minimize the risk of transfer of disease to natural fish stocks by any bacterial or viral agents that may be contained in the discharge.
- 1.17. The effluent must be treated in such a manner so as to minimize the risk of transfer of disease to natural fish stocks by any bacterial or viral agents that may be contained in the discharge.
- 1.18. The discharge must not contain any significant residuals from therapeutic substances or chemical additives used in the operation of the fish farm. In particular, fungicide, pesticide and bactericide residuals must be eliminated from the discharge to the level where they are not detectable in the receiving water. All such chemical or pharmaceutical substances shall be applied using a batch dosing process with the removal of spent wash sent for disposal off site in a manner approved by the Donegal County Council. Records stating the volume of such waste & location in which it was disposed, are to be sent to the Donegal County Council Laboratory, Magheranan, Letterkenny in an Annual Report due at the end of January each year.
- 1.19. In the event of pollution of the receiving waters arising from the licensee's activities, whether due to accidental discharge or discharge other than in accordance with the terms and conditions of this licence, the licensee shall immediately notify the Local Authority and make good all damage resulting from such pollution, including, if necessary:
  - (a) The replacement of fish stocks;
  - (b) The restoration of spawning grounds;
  - (c) The removal of pollutant from waters;
  - (d) The modification of it's discharge regime to prevent recurrence;
  - (e) Such other measures as may be directed by the Local Authority.
- 1.20. In the event that any observations made by persons authorised under the Water Pollution Act 1977/90, on the quality or appearance of the surface water discharge indicating that contamination has taken place, the licensee shall:
  - (a) Carry out an immediate investigation to identify and isolate the source of contamination.
  - (b) Put in place measures to prevent further contamination and to minimise the effects of any contamination on the environment, and,
  - (c) Notify the Local Authority of action taken.
- 1.21. The licensee shall take such measures as are necessary to ensure that no deterioration in the quality of the receiving waters, as determined by the EPA Biological monitoring, shall occur as a result of the discharge.

## 2. Effluent Volume and Characteristics:

- 2.1. The total volume of treated effluent to be discharged shall not exceed the following limits:

Parameter	Units	Limit(s)
Average Volumetric flow per second.	Litres/second	400

- 2.2. Oils, Fats and Grease shall not be present in effluent in such quantities as to:
  - (a) Form visible films on the surface of the water;
  - (b) Form coatings on the river bed, benthic biota or food resources;
  - (c) Cause deleterious effects on aquatic life;

- (d) Impart a detectable taste or odour on edible aquatic species.
- (e) The outfall shall be so designed as to prevent slick formation.
- (f) The fats/oils/grease level in the effluent shall not exceed 10mg/l at any time.

2.3. Effluent as discharged shall comply with the quality standards set out hereunder in respect of the following parameters:

Parameter	Units	Limit(s)	
pH	pH units	6 – 8.5	
B.O.D. or cBOD of a grab sample	mg/litre	4	
B.O.D. or cBOD of a composite sample	mg/litre	3	Note 1 2.6
B.O.D. or cBOD of the receiving water shall not exceed the BOD or cBOD of the abstracted water at any time by more than	mg/litre	2.75	
Suspended Solids grab sample	mg/litre	30	
Suspended Solids composite sample	mg/litre	20	
Suspended Solids of the receiving water shall not exceed the Suspended Solids of the abstracted water at any time by more than	mg/litre	15	
Minimum Dissolved Oxygen of the river downstream from the discharge at any time	mg/litre	7	
50% of all Dissolved Oxygen readings must be greater than	mg/litre	9	
Total Phosphorus (as P) of the grab and composite discharge samples shall not exceed that of the abstracted water by more than	mg/litre	0.2	
Orthophosphate (as P) of the grab and composite discharge samples shall not exceed that of the abstracted water by more than	mg/litre	0.09	Note 1 0.075
The Ammonia level as N, (TAN), of the receiving water downstream shall not exceed that of the abstracted water by more than	mg/litre	0.25	Note 1 0.14
Nitrate NO <sub>3</sub> (as N) level of the grab and composite discharge samples shall not exceed the nitrate level of the abstracted water by more than	mg/litre	1.8	
Nitrite NO <sub>2</sub> (as N) level of the grab and composite discharge samples shall not exceed the nitrate level of the abstracted water by more than	mg/litre	0.4	

Note 1 - Limit to be applied from 1<sup>st</sup> January 2020.

### 3. Monitoring Regime :

- 3.1. An accessible sampling point shall be provided which is representative of the final discharge. The licensee shall install and maintain an automatic flow recorder and sampler, (emptied at the same time every day), and shall forward records of daily effluent flow measurements (M<sup>3</sup> per 24 hours) in a spreadsheet) to the Local Authority, as per 4.1 below. The location of these devices shall be such as to allow direct and unhindered access to personnel authorised under the Water Pollution Act 1977/90.
- 3.2. The licensee shall conduct a visual inspection of the discharge on a daily basis, noting the condition of the discharge and the receiving waters
- 3.3. The licensee shall provide the means of continually monitoring the river flow between the intake and outfall. This monitoring should be capable of monitoring, in particular, low flow conditions and providing a warning system to activate the compensation system.
- 3.4. The licensee shall carry out sampling & analysis of the Grab and Composite samples, Abstraction water and the receiving water (Tullaghobegley River), into which the effluent discharges, at upstream and downstream locations, as per schedule in table in 4.1, below. Results of analysis must be forwarded to Donegal County Council, as per 4.1 below.

Central Laboratory  
The Kube, Magheranah, Letterkenny, Co. Donegal  
Tel: Guthán, (074) 91 53900 [www.donegalcoco.ie](http://www.donegalcoco.ie)

An Lár-Shuatharlann - An Kube, Machaire  
Réanán, Leitir Ceanáin, Co. Dhú na nGall  
Fax / Facs. (074) 91 61304 [www.cedhunnagall.ie](http://www.cedhunnagall.ie)

- 3.5. The licensee shall commission, from a competent independent person, a macroinvertebrate study of the Tullaghobegly River, upstream and downstream from the discharge, in the 12 months following the EPA Biological Monitoring, if the status is not improving, as advised by authorised officers of Donegal Co. Council.
- 3.6. A safe & accessible sampling point must be provided for authorised persons to obtain effluent, upstream, abstraction & downstream samples.

#### 4. Reporting

- 4.1. The Licensee shall forward to Donegal County Council, a Quarterly Report and an Annual Report giving the results of analysis, as per the following table;

Parameter	Test Frequency		Report
Trade Effluent	Grab and Composite		
pH	Monthly		Quarterly & Annually
BOD/cBOD	Monthly		Quarterly & Annually
Suspended Solids	Monthly		Quarterly & Annually
Total P, Otho-P, Nitrate & Nitrite	Monthly		Quarterly & Annually
Flow records	Quarterly		Quarterly & Annually
Abstraction & River Sampling	Grab Samples		
pH	Annual		Annually
BOD/cBOD	Annual		Annually
Suspended Solids	Annual		Annually
Total P, Otho-P, Nitrate & Nitrite	Annual		Annually
Ammonia	Monthly	Note 1 Weekly	Quarterly & Annually
Dissolved Oxygen	Monthly	Note 1 Weekly	Quarterly & Annually
<b>Macroinvertebrate Study</b>	As specified by DCC		Within 2 months of completion

Note 1 – Test weekly from 1<sup>st</sup> August to end of October or when fish biomass at maximum size

- 4.2. The Quarterly & Annual reports shall be forwarded to the Donegal County Council, (Central Laboratory, The Kube, Magheranan, Letterkenny, Co. Donegal), by the end of the second week of the subsequent quarter & end of January each year giving the previous set of results.
- 4.3. The Annual report shall include an assessment of compliance of in-house monitoring results with licence conditions, explanations for breaches and detailed corrective/preventive action plans designed to address the root causes of non-compliances/breaches in the coming year.

#### 5. Access by Authorised Personnel :

- 5.1. Details of emergency contact personnel, including addresses and telephone numbers, shall be made available to the licensing authority within one month of the date of grant of this licence. At least one such person shall be available for contact at all reasonable times, having due authorisation from the licensee to expedite emergency measures as may be required.
- 5.2. Authorised Officers of the Licensing Authority, or its agents, or any person authorised under section 28 of the Local Government (Water Pollution ) Act 1977 as amended by section 19 of the

Local Government (Water Pollution) (Amendment) Act, 1990 shall have access to the licensee's site at all times

## 6. Change of use of Development :


- 6.1. The licensee shall notify the Licensing Authority of any proposed change in the operation of the hatchery, or treatment plant, that would cause, or be likely to cause, a material alteration in the nature, or increase in the volume of effluent discharged.
- 6.2. No changes in relation to the discharge (flow rates, effluent concentrations) shall take place without prior written agreement of the licensing authority.
- 6.3. The licensing authority shall interpret whether any such change is material or not, and whether a review of the licence is required as a result.

## 7. Contributions to the Licensing Authority :

- 7.1. The licensee shall pay the licensing Authority the costs incurred by the licensing authority of monitoring the discharge, subject to the following scale of fees;

Low risk, 2 visits	€714.38
Medium risk 3	€1,071.56
High Risk, 4 visits	€1,428.75
V. High risk, 5 visits	€1,785.94
Each additional visit	€357.19

- 7.2. The Licensing Authority shall carry out a review of the previous year's inspections and monitoring results, coupled with the Licensee's Annual report, (4.1, above), in order to determine the expected level of risk, (and number of planned inspections), for the forthcoming year. A mid-year review may also be carried out to re-assess the risk & adjust the monitoring frequency accordingly.
- 7.3. The Licensee shall pay the Licensing Authority such additional fees, as the Licensing Authority considers necessary for the carrying out of any confirmatory or specialist testing during the life of the licence.

  
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Joe Ferry (Dr.)  
Executive Scientist.

Dated this 13<sup>th</sup> July 2016.

### Appeals

You are advised that a person to whom a licence has been granted may appeal, under Section 8 of the Local Government (Water Pollution) Act, 1977, as substituted by Section 6 of the Local Government (Water Pollution) Act, 1990, to an Bord Pleanála in relation to the grant. Such appeal should be made in writing, within one month from the date of grant of the licence stating the subject matter of the appeal and the grounds of the appeal. Any appeal to An Bord Pleanála must be accompanied by €500.

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Central Laboratory  
The Kube, Magheranah, Letterkenny, Co. Donegal  
Tel: Guthrie (074) 91 53900 [www.donegalcoco.ie](http://www.donegalcoco.ie)

An Lár-Shaotharlann - An Kube, Machaire  
Réanán, Leith Ceannainn, Co. Dhún na nGall  
Fax : Facs: (074) 91 61304 [www.codhumangall.ie](http://www.codhumangall.ie)

COMHAIRLE CHONTAE DHUN NA NGALL  
DONEGAL COUNTY COUNCIL  
CENTRAL LABORATORY,  
THE KUBE, MAGHERANAN.  
LETTERKENNY, CO. DONEGAL.  
Tel (074) 91 22787

THE LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977

THE LOCAL GOVERNMENT (WATER POLLUTION) (AMMENDMENT) ACT, 1990

Local Authority: Donegal County Council

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Notice of Decision on Review of Licence for discharge of trade effluent to waters for:

Comhlucht Iascaireachta Fanad Teo.,  
Trading as Marine Harvest Ireland,  
Kindrum, Cashel P.O., Letterkenny, Co. Donegal.

Licence Reference Number in Register **Lwat26**

**TAKE NOTICE** in accordance with Article 15 of the Local Government (Water Pollution) Regulations, 1978, that on the date hereof the Donegal County Council has completed a review, under Section 7, of the Local Government (Water Pollution) Act, 1977, as amended by Section 5 of the Local Government (Water Pollution) Act, 1990, of the licence granted to you Comhlucht Iascaireachta Fanad Teo., Trading as Marine Harvest Ireland, for discharge of trade effluent effluent treatment plant at Altan Smolt & Hatchery Unit, at Procklis, Falcarragh to the Tullaghobegley river and now gives notice on its decision on the review as follows:

**(1) Conditions amended:-**

**Condition No 1 is amended to read:-**

**1. General layout and Operations:**

- 1.1. This licence shall be in respect of the discharge of trade effluent arising in that part of the licensee's lands known as the Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh.
- 1.2. Only treated effluent arising in Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh shall be discharged as effluent. The Hatchery site shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter to the receiving waters other than via the waste water treatment system.
- 1.3. No domestic sewage or hydrocarbon oils shall be discharged with or allowed to mix with the effluent arising in Marine Harvest Ireland, Altan Smolt & Hatchery Unit Procklis, Falcarragh.
- 1.4. The licensee is required to install and maintain adequate treatment facilities to ensure that the effluent discharging from the premises of Marine Harvest Ireland, Altan Smolt & Hatchery Unit, Procklis, Falcarragh complies with the conditions of this licence at all times. Where planning permission is required this must be obtained prior to installation.
- 1.5. Competent and suitably qualified staff must carry out the management and operation of the treatment plant. All plant and equipment must be covered by an appropriate maintenance contract where possible.

- 1.6. Overloading of the treatment plant due to excessive production is expressly forbidden. The effluent treatment plant's capacity shall be maintained at a level required to achieve consistent compliance with the conditions of this licence, including the capacity to deal with seasonally increased loadings. In the event of the company wishing to generate effluent loads in excess of the capacity of the treatment plant, the company shall submit details to Donegal County Council of proposals to treat the increased load by an approved route.
- 1.7. All solid waste and sludge from the effluent treatment system is to be directed from the treatment system to a sealed tanker and not cause pollution of any waterway. The waste/sludge must then be disposed of in accordance with a waste disposal permit issued by the licensing authority. Records of all waste disposal operations must be maintained and made available at any time to persons authorised under the Water Pollution Act 1977/90. These records are to be forwarded to Donegal County Council Central Laboratory, The Kube, Magheranan, Letterkenny, Co. Donegal in an Annual Report due at the end of January each year, as per 4.1 below.
- 1.8. There shall be no food pellets or pieces in the discharging effluent at any time. Food pellets must not access the river at any time. Screens no less than 10mm are to be fitted and maintained on the inlets and outlets to prevent the impingement and access of migratory and non-migratory fish species.
- 1.9. All contaminated waters from the washing of yards, fish tanks etc. must be discharged to the effluent treatment plant. No contaminated waters are to be discharged direct to any watercourse.
- 1.10. Non-trade wastewater, such as, accidental spillages, which occurs on site shall not be discharged to the treatment system or river without prior authorisation of Donegal County Council.
- 1.11. All oil/petrol/diesel storage tanks must be bunded to 110% of the volume of the tanks. Bunds must not have valve arrangements for surface water disposal and must be inspected annually to ensure that they do not leak. Oil interceptors/settlement tanks shall be provided to ensure that the effluent discharging to the river meets licence standards where necessary.
- 1.12. No substance shall be discharged in a manner or concentration, which, after initial dilution in the receiving waters, causes tainting of fish or shellfish.
- 1.13. There must be no visible fungus on the bed of the river. There shall be no adverse effects on aquatic organisms or vegetation in the river. Around the area of the discharging effluent and downstream from the discharge, if there is any evidence of fungal growth, the company shall: (a) increase the level of effluent treatment to ensure compliance with licence conditions, (b) take such maintenance measures as is deemed necessary.
- 1.14. The number fish and Ova on site must be recorded and these records must be made available to persons authorised under the Water Pollution Act 1977/90 if requested to do so.
- 1.15. There must be adequate compensation water flowing at all times between the point of exit of the Tullaghobegley river from Lough Altan to the point of discharge from the smolt unit. In the event of the volume of water available to the receiving water, i.e. the Tullaghobegly River, falling below minimum recorded flows of 5000m<sup>3</sup> per day, compensation water must be provided by the licensee. The means of providing this compensation water shall be consistent with maintaining the normal fish migration patterns of the river. Should the compensation water specified prove insufficient for any reason, e.g. the maintenance of river quality, the company shall provide further compensation water, the volume of which shall be determined by Donegal County Council, or, if necessary, reduce the flow from the fish farm to a volume to be determined by Donegal County Council.
- 1.16. The effluent must be treated in such a manner so as to minimize the risk of transfer of disease to natural fish stocks by any bacterial or viral agents that may be contained in the discharge.
- 1.17. The effluent must be treated in such a manner so as to minimize the risk of transfer of disease to natural fish stocks by any bacterial or viral agents that may be contained in the discharge.



- 1.18. The discharge must not contain any significant residuals from therapeutic substances or chemical additives used in the operation of the fish farm. In particular, fungicide, pesticide and bactericide residuals must be eliminated from the discharge to the level where they are not detectable in the receiving water. All such chemical or pharmaceutical substances shall be applied using a batch dosing process with the removal of spent wash sent for disposal off site in a manner approved by the Donegal County Council. Records stating the volume of such waste & location in which it was disposed, are to be sent to the Donegal County Council Laboratory, Magheranan, Letterkenny in an Annual Report due at the end of January each year.
- 1.19. In the event of pollution of the receiving waters arising from the licensee's activities, whether due to accidental discharge or discharge other than in accordance with the terms and conditions of this licence, the licensee shall immediately notify the Local Authority and make good all damage resulting from such pollution, including, if necessary:
- The replacement of fish stocks;
  - The restoration of spawning grounds;
  - The removal of pollutant from waters;
  - The modification of its discharge regime to prevent recurrence;
  - Such other measures as may be directed by the Local Authority.
- 1.20. In the event that any observations made by persons authorised under the Water Pollution Act 1977/90, on the quality or appearance of the surface water discharge indicating that contamination has taken place, the licensee shall:
- Carry out an immediate investigation to identify and isolate the source of contamination.
  - Put in place measures to prevent further contamination and to minimise the effects of any contamination on the environment, and,
  - Notify the Local Authority of action taken.
- 1.21. The licensee shall take such measures as are necessary to ensure that no deterioration in the quality of the receiving waters, as determined by the EPA Biological monitoring, shall occur as a result of the discharge.

**Condition No 2 is amended to read:-**

**2. Effluent Volume and Characteristics:**

2.1. The total volume of treated effluent to be discharged shall not exceed the following limits:

Parameter	Units	Limit(s)
Average Volumetric flow per second.	Litres/second	400

2.2. Oils, Fats and Grease shall not be present in effluent in such quantities as to:

- Form visible films on the surface of the water;
- Form coatings on the river bed, benthic biota or food resources;
- Cause deleterious effects on aquatic life;
- Impart a detectable taste or odour on edible aquatic species.
- The outfall shall be so designed as to prevent slick formation.
- The fats/oils/grease level in the effluent shall not exceed 10mg/l at any time.

2.3. Effluent as discharged shall comply with the quality standards set out hereunder in respect of the following parameters:

Parameter	Units	Limit(s)
pH	pH units	6 – 8.5
B.O.D. or cBOD of a grab sample	mg/litre	4
B.O.D. or cBOD of a composite sample	mg/litre	3   <i>Note 1</i> 2.6
B.O.D. or cBOD of the receiving water shall not exceed the BOD or cBOD of the abstracted water at any time by more than	mg/litre	2.75
Suspended Solids grab sample	mg/litre	30
Suspended Solids composite sample	mg/litre	20
Suspended Solids of the receiving water shall not exceed the Suspended Solids of the abstracted water at any time by more than	mg/litre	15
Minimum Dissolved Oxygen of the river downstream from the discharge at any time	mg/litre	7
50% of all Dissolved Oxygen readings must be greater than	mg/litre	9
Total Phosphorus (as P) of the grab and composite discharge samples shall not exceed that of the abstracted water by more than	mg/litre	0.2
Orthophosphate (as P) of the grab and composite discharge samples shall not exceed that of the abstracted water by more than	mg/litre	0.09   <i>Note 1</i> 0.075
The Ammonia level as N, (TAN), of the receiving water downstream shall not exceed that of the abstracted water by more than	mg/litre	0.25   <i>Note 1</i> 0.14
Nitrate NO <sub>3</sub> (as N) level of the grab and composite discharge samples shall not exceed the nitrate level of the abstracted water by more than	mg/litre	1.8
Nitrite NO <sub>2</sub> (as N) level of the grab and composite discharge samples shall not exceed the nitrate level of the abstracted water by more than	mg/litre	0.4

*Note 1* - Limit to be applied from 1<sup>st</sup> January 2020.

**(2) Conditions deleted**

None

**(3) Additional conditions.**

None

**AND FURTHER TAKE NOTICE**

You are advised that a person to whom a licence has been granted may appeal, under Section 8 of the Local Government (Water Pollution) Act, 1977, as substituted by Section 6 of the Local Government (Water Pollution) Act, 1990, to an Bord Pleanála in relation to the grant. Such appeal should be made in writing, within one month from the date of grant of the licence stating the subject matter of the appeal and the grounds of the appeal. Any appeal to An Bord Pleanála must be accompanied by €500

  
 Joe Ferry (Dr.)  
 Executive Scientist.

Dated this 13<sup>th</sup> July 2016