



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

**Foirm  
DLW1**

**LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 - 1990**

**APPLICATION FOR LICENCE TO DISCHARGE TRADE  
AND/OR SEWAGE EFFLUENT TO WATERS, (or Groundwater  
via a Percolation area)**

TO Executive Scientist

ADDRESS Public Service Centre,  
Donegal County Council,  
Neil T. Blaney Road, Letterkenny,  
Co. Donegal F92 TNY3

I hereby make application for a licence under Section 4 of the Local Government (Water Pollution) Act, 1977, (as amended 1990), to discharge effluent in accordance with the plans and other particulars attached.

**Sewage only**  **Trade only**  **Trade & Sewage**

The discharge for which a licence is sought **is/is not** an existing discharge \* as defined in Section 5(4) of the Act. The discharge will be made to waters.

Signed: \_\_\_\_\_  
(To be signed by a Director, or other Senior Officer in the Company)

Print Name (Block Capitals) \_\_\_\_\_

Date: \_\_\_\_\_

\* See explanatory notes at end of application form

**REQUIREMENT FOR WATER POLLUTION LICENCE**

It is an offence to make a licensable discharge to waters or to a sewer, other than in accordance with the provisions of the above Acts.

The EXEMPTIONS from the licensing provisions in regard to *discharges to waters* are: -

- Discharges to tidal waters from vessels at marine structures.
- Discharges from Local Authority sewers.
- Trade effluent discharges by a Sanitary Authority in the course of the performance of its powers and duties, other than from a sewer.
- Domestic sewage not exceeding in volume 5 cubic metres in any period of 24 hours which is discharged to an aquifer from a septic tank or other disposal unit by means of a percolation area, soakage pit or other method.



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

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**APPLICATION FOR LICENCE TO DISCHARGE  
TRADE EFFLUENT or COMMUNAL DOMESTIC SEWAGE  
TO WATERS (or Groundwater via a Percolation area)**

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*If the application is for a review of an existing licence please state existing licence reference number: \_\_\_\_\_.*

1 **Name and Address of Applicant, (including Eircode)**

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2 **Name and address of Agent for correspondence, (including Eircode)**

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3 **Telephone Number / e-mail address**

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4 **Planning Ref. No. (if applicable)**

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**5 If applicant is a registered company, state:**

Registered Company Name:

Address of Registered Office:

Name of Company Secretary:

**6 Name and Address of Premises from which effluent is to be discharged, (if different):**

  

**7 Is Effluent to be discharged to surface waters or groundwaters, (via percolation area) ?**

Surface Waters

Groundwaters

**8 Name of waters to which discharge is proposed (*surface waters only*)**

**9 Location of discharge point: Townland and National Grid reference**

**10 Description of Effluent** (e.g. Source or type of trade effluent)

**11 Details of size and construction of outlet:**

**12 Source of potable water supply to development:**

**13 Details of provision to be made for measuring and sampling effluent:**

14 **Particulars of proposed effluent treatment:**

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15 **Date of Commencement of Discharge:**

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16 **Is the discharge an “existing discharge”? If so, state date of first discharge**

|     |    |       |
|-----|----|-------|
| Yes | No | Date: |
|-----|----|-------|

17 **Details or any special arrangements to prevent accidental discharge:**

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18 **Domestic Sewage Effluent, if relevant:**

a Number of persons served:

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b Average daily effluent volume

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19 **Details of any other discharges from the premises to waters**

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20 **Receiving Water Details** (*discharges to surface water only*)

a Anticipated 95%ile flow of receiving waters:

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b Anticipated Dry Weather Flow of receiving waters:

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21 **Hydrogeological Details** (*discharges to groundwater via percolation area only*)

Subsoil permeability

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Soil particle size distribution

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Bedrock permeability

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Rate of Recharge

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Hydraulic Gradient

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Depth to water table

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Vulnerability rating

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## 22 Characteristics of Effluent

Complete for all applicable characteristics giving concentration ranges where available. The following list is indicative only – such other physical, chemical or other characteristics as are pertinent to the effluent in question should be specified. *Note: For domestic effluent, complete Section A only.*

| Section                       | Characteristic  | Unit    | Prior to Treatment | As Discharged |
|-------------------------------|---|---------|--------------------|---------------|
| <b>A</b>                      | Temperature   | °C      |                    |               |
|                               | pH  |         |                    |               |
|                               | Colour  | ° Hazen |                    |               |
|                               | B.O.D.  | mg/l    |                    |               |
|                               | Suspended Solids  | mg/l    |                    |               |
|                               | Settleable Solids   | mg/l    |                    |               |
|                               | Dissolved Solids  | mg/l    |                    |               |
|                               | Ammonia (N)   | mg/l    |                    |               |
|                               | Nitrates (N)  | mg/l    |                    |               |
|                               | Ortho Phosphate (P)   | mg/l    |                    |               |
|                               | Total Phosphorus (P)  | mg/l    |                    |               |
|                               | Sulphates (SO <sub>4</sub> )  | mg/l    |                    |               |
|                               | Chlorides (Cl)  | mg/l    |                    |               |
|                               | Phenols (C <sub>6</sub> H <sub>5</sub> OH)  | mg/l    |                    |               |
| Detergents As Lauryl Sulphate | mg/l  |         |                    |               |
| Fats Oils & Greases           | mg/l  |         |                    |               |
| <b>B</b>                      | <b>Pesticides &amp; Solvents</b>  |         |                    |               |
|                               | Atrazine  | µg/l    |                    |               |
|                               | Dichloromethane   | µg/l    |                    |               |
|                               | Simazine  | µg/l    |                    |               |
|                               | Toluene   | µg/l    |                    |               |
|                               | Xylenes   | µg/l    |                    |               |
| <b>C</b>                      | <b>Metals</b>   |         |                    |               |
|                               | Arsenic   | µg/l    |                    |               |
|                               | Chromium  | µg/l    |                    |               |
|                               | Copper  | µg/l    |                    |               |
|                               | Cyanide   | µg/l    |                    |               |
|                               | Fluoride  | µg/l    |                    |               |
|                               | Lead  | µg/l    |                    |               |
|                               | Nickel  | µg/l    |                    |               |
|                               | Zinc  | µg/l    |                    |               |
| <i>Total Heavy Metals</i>     | µg/l  |         |                    |               |
| <b>D</b>                      | Organohalogen Compounds (Specify)   |         |                    |               |
|                               | Organophosphorus Compounds (Specify)  |         |                    |               |
|                               | Organotin Compounds (Specify)   |         |                    |               |
|                               | Mineral Oils or Hydrocarbons of petroleum origin  |         |                    |               |
|                               | Other toxic substances (Specify)  |         |                    |               |
| <b>E</b>                      | <b>Other</b>  |         |                    |               |
|                               | Other relevant characteristics including fish toxicity data from tests carried out on all or part of the effluent |         |                    |               |

**Note: applicants for domestic effluent licences may skip Sections 23-26**

**23 Trade Effluent**

Normal volume to be discharged per day:

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Maximum volume to be discharged per day:

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Maximum volume to be discharged per hour:

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Period(s) of the day discharge is to take place:

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Seasonal or other variations in volume to be discharged (including arising from malfunction):

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**24 Briefly describe trade process giving rise to the effluent (Trade effluent only):**  
Plant, methods, processes and operating procedures (May require separate sheet):

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**25 SEVESO Regulations (Trade Effluent only)**

a State whether the activity consists of, comprises, or is for the purposes of, an industrial activity or isolated storage to which Regulations 12 to 18 of the European Communities (Major Accident Hazards of Certain Industrial Activities) Regulations, 1986 (S.I. No. 292 of 1986), as amended by the European Communities (Major Accident Hazards of Certain Industrial Activities) (Amendment) Regulations, 1989 (S.I. No. 194 of 1989) and the European Communities (Major Accident Hazards of Certain Industrial Activities) (Amendment) Regulations, 1992 (S.I. No. 21 of 1992,) apply.

|     |    |
|-----|----|
| Yes | No |
|-----|----|

b If yes, outline how the process comes under these regulations. Supporting information as well as copies of any Hazardous Operation Studies (HAZOP) carried out for the site, and any other supporting information should be included.

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**26 Raw Materials and Product (Trade effluent only):**

|   |
|---|
| Complete Table 1, Sheets 1, 2 & 3 overleaf, if relevant |
|---|

**Table 1 (Sheet 1 of 3): Details of Process related Raw Materials, Intermediates, Products, etc., used or generated on the site**

| Ref. N <sup>o</sup> or Code | Material/ Substance <sup>(1)</sup> | CAS Number | Danger <sup>(2)</sup> Category | Amount Stored (tonnes) | Annual Usage (tonnes) | Nature of Use | Organic/ Inorganic | R <sup>(3)</sup> - Phrase | S <sup>(3)</sup> - Phrase | Seveso Yes/No |
|-----------------------------|------------------------------------|------------|--------------------------------|------------------------|-----------------------|---------------|--------------------|---------------------------|---------------------------|---------------|
|                             |                                    |            |                                |                        |                       |               |                    |                           |                           |               |

**1 of 3**

- Notes:
1. In cases where a material comprises a number of distinct and available dangerous substances, please give details for each component substance.
  2. c.f. Article 2(2) of SI N<sup>o</sup> 77/94
  3. c.f. Schedules 2 and 3 of SI N<sup>o</sup> 77/94

**Table 1 (Sheet 2 of 3): Details of Process related Raw Materials, Intermediates, Products, etc., used or generated on the site**

| Ref. N <sup>o</sup> or Code | Material/ Substance <sup>(2)</sup> | Ecological Aquatic    |         |                                      |         | Toxicological               |         |                           |         | Radioactive Yes/No |
|-----------------------------|------------------------------------|-----------------------|---------|--------------------------------------|---------|-----------------------------|---------|---------------------------|---------|--------------------|
|                             |                                    | LC <sub>50</sub> mg/l | Species | EC <sub>50</sub> <sup>(4)</sup> mg/l | Species | Oral LD <sub>50</sub> mg/kg | Species | IV LD <sub>50</sub> mg/kg | Species |                    |
|                             |                                    |                       |         |                                      |         |                             |         |                           |         |                    |

Notes (cont'd): 4: Where available.



**Table 1 (Sheet 3 of 3): Details of Process related Raw Materials, Intermediates, Products, etc., used or generated on the site**

| Ref. N <sup>o</sup> or Code | Material/ Substance <sup>(2)</sup> | TA Luft Class 1, 2 or 3 | Odour          |             |                                    | EU Lists I and II<br>(Tick and specify Group/Family Number) |                             |                                 |         |
|-----------------------------|------------------------------------|-------------------------|----------------|-------------|------------------------------------|---|-----------------------------|---------------------------------|---------|
|                             |                                    |                         | Odorous Yes/No | Description | Threshold $\mu\text{g}/\text{m}^3$ | Dangerous Substances Directive 76/464/EEC                   |                             | Groundwater Directive 80/68/EEC |         |
|                             |                                    |                         |                |             |                                    | List I  | List II +129 <sup>(5)</sup> | List I                          | List II |
|                             |                                    |                         |                |             |                                    |   |                             |                                 |         |

**3 of 3**

Notes (cont'd): 5. The European Commission priority candidate list

27 **Documentation to be submitted with this Application:**

*(See explanatory notes overleaf)*

|   |                                  |           |                          |
|---|----------------------------------|-----------|--------------------------|
| Application Form, completed & signed ( 1 original &   | 2 Copies)                        | Attached? | <input type="checkbox"/> |
| Newspaper Notice  | ( Original full page & 2 Copies) | Attached? | <input type="checkbox"/> |
| Application Fee €380  |                                  | Attached? | <input type="checkbox"/> |
| Site map 1:2,500  | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Drainage System Drawings.   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Treatment Works Details <i>(if proposed)</i>  | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Receiving Waters 95%ile & Dry Weather Flow Calculations   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Receiving Waters Chemical and Microbial Analysis <i>(Surface waters &amp; Groundwater in case of percolation)</i> | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Assessment of impact of discharge on receiving waters   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Accreditation/Certification of Analyses   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Groundwater Assessment <i>(percolation areas)</i>   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Toxicity / bioaccumulation/biodegradation testing <i>(if required)</i>  | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Certificate of Incorporation of Company <i>(if applicable)</i>  | 2 Copies                         | Attached? | <input type="checkbox"/> |
| Detailed Trade Operation Description <i>(Trade only, if applicable)</i>   | 2 Copies                         | Attached? | <input type="checkbox"/> |
| SEVESO Regs. Process Supporting Information <i>(Trade only, if applicable)</i>                                    | 2 Copies                         | Attached? | <input type="checkbox"/> |

**I certify that the information given on and accompanying this form is correct**

**Signed:**

\_\_\_\_\_

**Name:**

\_\_\_\_\_

**Date:**

\_\_\_\_\_

***Please ensure all sections of the application are completed in full***

**APPLICATION FOR WATER POLLUTION LICENCE TO DISCHARGE  
EFFLUENT TO WATERS (& Groundwaters via percolation areas)  
(TRADE EFFLUENTS AND COMMUNAL HOUSING SEWAGE)**

**EXPLANATORY NOTES**

**(These notes are for guidance only and do not purport to be a legal interpretation of legislation).**

- 1. Fee:** A fee of €380 must be submitted with each licence application.
- 2. Newspaper Notice** – use wording given in A or B below

**(A) New Application**

The public notice must be inserted in a newspaper circulating in the area in which the discharge is to occur. Local papers should where possible be used.

The published notice must contain a heading **“Discharge of Effluents to Water”** and must:

- State the name of the applicant and the name of the local authority to which the application is being made (i.e. Donegal County Council).
- Give a general description of the effluent.
- In the case of a trade effluent, state the nature of the trade or industry.
- State the name and location of the premises from which the effluent is to be discharged and,
- Indicate the waters to which the effluent is to be discharged.

**(B) Review of Existing licence**

The public notice must be inserted in a newspaper circulating in the area in which the discharge is to occur. Local papers should where possible be used.

The published notice must contain a heading **“Discharge of Effluents to Water Notice of Intention to review discharge licences under Local Government (Water Pollution) Acts 1977 & 1990 and Local Government (Water Pollution) Regulations 1978”** and must:

- State the name of the applicant and the name of the local authority to which the application is being made (i.e. Donegal County Council).
- Reference number relating to the Licence
- Reason for the review if less than three years has elapsed since the date of the licence or the last review of the licence
- Notify the public that representations can be made in writing to the Local Authority within one month of date of notice

The application should be submitted **within two weeks** of the date of publication of newspaper notice.

Where a period of more than two weeks has elapsed between the publication in a newspaper of such notice and the making of the relevant application, or it appears to the Local Authority that such notice does not comply with the requirements because of its content or for any other reason, is misleading or inadequate for the information of the public, the Local Authority may require the applicant to publish such further notice in such terms as it may specify and to submit to it such evidence as it may specify in relation to compliance with any such requirement.

3. **Application Form:** Two copies of the application form must be submitted, one of which must be the original application which will include the full page newspaper notice. The original application form must be fully completed and signed
4. **Site Map:** Two plans of the site, (ideally to a scale of 1/2500), or aerial photograph, showing the premises, the waters to which discharge will be made, the point of discharge to waters, the name of the townland(s) where the premises, treatment works and point of discharge are located, the boundaries of the land in applicant's ownership, North Point and Ordnance Sheet No. For percolation areas, please indicate the location of permanent boreholes for monitoring of groundwater.
5. **Drainage System:** Two drawings of the site to scale 1/500 showing drainage system, sampling points and any works, apparatus or plant from which effluent will be discharged.
6. **Treatment Works:** Two drawings to scale of at least 1/500 showing any treatment works, sampling points, pumping stations, structures, fencing, hardstandings, access roads, sludge handling facilities, plant wash facilities, sanitary facilities. Detailed description of type, model, capacity of the treatment works and standards achieved for BOD etc, as per *Advice Note No. 2 - Guidelines for the Discharge of Effluent to Waters from Industrial & Commercial Developments, and from Communal Housing Developments*", as available from Donegal County Council and website.
7. **Effluent characteristics:** Describe all characteristics in the application form.
8. **Receiving Waters Flow Calculations:** Two copies of detailed calculations indicating the anticipated 95%ile and Dry Weather flow in the receiving waters. See "*Advice Note No. 2*"
9. **Receiving Waters Chemical and Microbial Analyses:**  
See "*Advice Note No. 2*"
10. **Assessment of impact on Receiving Waters:**  
See "*Advice Note No. 2*"
11. **Operational Information (Trade Effluent only):**  
Describe the plant, methods, processes and operating procedures:
  - A list of all unit operations to be carried out, together with a plan of the site indicating the location of all activities and identifying all buildings and facilities.

- A simple flow diagram of each unit operation, along with a brief description detailing its purpose.
- A description of the process control system indicating the control equipment.
- Information on all aspects of the unit operation that can cause emissions to the environment during normal operation and also in the event of a malfunction or interruption of services e.g. power loss.
- Brief details of the activities carried on in laboratory facilities associated with the activity.

**12. Raw Materials and Product** (*Trade Effluent only*):

List the raw and ancillary materials, substances, preparations, fuels and energy which will be utilised in, or produced by, the activity (*see Table 1, Sheets 1, 2 & 3 of Application Form*).

The list(s) given should be comprehensive. All materials used, fuels, intermediaries, laboratory chemicals and products, which could make their way into the effluent, should be included.

List all raw materials, intermediates, and products generated including all other materials, (which could make their way into the effluent), e.g. process associated cleaning chemicals, water treatment chemicals, cooling water/ boiler water additives and laboratory chemicals (in the case of the latter detail only those chemicals where annual usage is greater than 2.5kg or 2.5 litres).

The list must also include toxicity data and environmental information on these materials. Fuels and energy utilised in the activity must be given. The listings should include quantities typically stored, and annual throughput.

In cases where a raw material comprises a number of substances and cannot be properly classified under the headings given in Table 1; then each component chemical substance must be specified and detailed in the table and the various columns completed. As a general principle, on deciding what component substances of a material merits listing, one should only consider those that have the potential to pollute any of the three environmental media should they fall out of management control.

Particular attention should be paid to materials and product consisting of, or containing, dangerous substances as described in the EU (Classification, Packaging, Labeling and Notification of Dangerous Substances) Regulations 1994 [SI 77/94]. The list must classify these materials in accordance with Article 2 of these Regulations, and must specify the designated Risk Phrases (R-Phrases) of each substance in accordance with Schedule 2 of the Regulations.

Table 1 (comprising three sheets) must be completed, where relevant. Copy as required.

- 13. Registered Companies:** Where an application is made in the name of a company, a copy of the Certificate of Incorporation, along with the list of directors, must be furnished with the application
- 14. Additional Information:** An applicant for a licence, other than a licence for an existing discharge, shall also furnish such other particulars as the Local

Authority may reasonably require for consideration of the application, including particulars of the quality, volume and flow rate of receiving waters, the effects of the discharge on such waters and the results of any investigation made, or required by the Local Authority to be made, in relation to such matters.

### **15. Review of Licences**

Licences are subject to review at intervals of not less than three years. A licence may however, be reviewed at any time: -

- a. With the consent of the person making the discharge.
- b. Where the Local Authority has reasonable grounds for believing that the discharge is a significant threat to public health.
- c. Where an unforeseen material change has taken place in the condition of the receiving waters.

### **16. Penalties**

The following penalties are prescribed under the Act for a person who contravenes the licensing provisions: -

- a. On summary conviction, to a fine not exceeding €1,269.74 (together with, in the case of a continuing offence, a fine not exceeding €126.97 for every day on which the contravention is continued) or to imprisonment for a term not exceeding six months or, at the discretion of the court, to both such fine or fines and such imprisonment, or
- b. On conviction on indictment, to a fine not exceeding €6348.69 (together with, in the case of a continuing offence, a fine not exceeding €634.87 for every day on which the contravention is continued) or to imprisonment for a term not exceeding two years or, at the discretion of the court, to both such fine or fines and such imprisonment.

### **17. Definitions**

“TRADE EFFLUENT” means effluent from any works, apparatus, plant or drainage pipe used for the disposal to waters or to a sewer of any liquid (whether treated or untreated) either with or without particles of matter in suspension there in, which is discharged from premises used for carrying on any trade or industry (Including mining), but does not include domestic sewage or storm water.

“SEWAGE EFFLUENT” means effluent from any works, apparatus, plant or drainage pipe used for the disposal to waters of sewage, whether treated or untreated.

“EXISTING DISCHARGE” means a discharge which is similar in nature, composition and temperature to, and is of similar volume and is made at a similar rate to, a discharge made during any corresponding period in the period of twelve months ending on the 1<sup>st</sup> October, 1978, in the case of discharges to waters and the period of twelve months ending on 1<sup>st</sup> January, 1978 in the case of discharges to sewers.

*End of Document*