



Donegal County Council

Comhairle Chontae Dhun na nGall

Form
DLW1

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 - 1990

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

TO Executive Scientist
ADDRESS Donegal County Council,
Water Pollution Laboratory
Magheranan, Letterkenny,
Co. Donegal

I hereby make application for a licence under Section 4 of the Local Government (Water Pollution) Act, 1977 as amended and inserted by the Local Government (Water Pollution) Act 1990, to discharge

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

effluent in accordance with the plans and other particulars attached. 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.

* See explanatory notes at end of application form

A separate application form for discharges to sewers, DLS1, is available on our website.

Before completing this Application Form please read the accompanying Application Form Explanatory Notes and guidelines in the following document:

[Advice Note No. 2: "Guidelines for the Discharge of effluent to Waters form industrial & Commercial Developments and Communal Housing Developments"](#)

Both documents are available on the Donegal County Council website.

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.

EXEMPTIONS from the licensing provisions in regard to *discharges to sewers* are:

Domestic sewage and storm water.



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

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

1 Name and Address of Applicant

2 Name and address of Agent for correspondence

3 Telephone Number / Fax Number / e-mail address

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:

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

T'd
N
E

10 Description of Effluent (e.g. Domestic Sewage 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:
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17 **Details or any special arrangements to prevent accidental discharge:**

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18 **Domestic Sewage Effluent:**

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**

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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

--

Hydraulic Gradient

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Depth to water table

--

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
A	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 ₄)	mg/l		
	Chlorides (Cl)	mg/l		
	Phenols (C ₆ H ₅ OH)	mg/l		
Detergents As Lauryl Sulphate	mg/l			
Fats Oils & Greases	mg/l			
B	Pesticides & Solvents			
	Atrazine	µg/l		
	Dichloromethane	µg/l		
	Simazine	µg/l		
	Toluene	µg/l		
Xylenes	µg/l			
C	Metals			
	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			
D	Organohalogen Compounds (Specify)			
	Organophosphorus Compounds (Specify)			
	Organotin Compounds (Specify)			
	Mineral Oils or Hydrocarbons of petroleum origin			
	Other toxic substances (Specify)			
E	Other			
	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 (including arising from malfunction) in volume to be discharged:

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

Ref. N ^o or Code	Material/ Substance ⁽¹⁾	CAS Number	Danger ⁽²⁾ Category	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Organic/ Inorganic	R ⁽³⁾ - Phrase	S ⁽³⁾ - 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^o 77/94
 3. c.f. Schedules 2 and 3 of SI N^o 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 ^o or Code	Material/ Substance ⁽²⁾	Ecological Aquatic				Toxicological				Radioactive Yes/No
		LC ₅₀ mg/l	Species	EC ₅₀ ⁽⁴⁾ mg/l	Species	Oral LD ₅₀ mg/kg	Species	IV LD ₅₀ 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 ^o or Code	Material/ Substance ⁽²⁾	TA Luft Class 1, 2 or 3	Odour			EU Lists I and II (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 ⁽⁵⁾	List I	List II

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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 &	3 Copies)	Attached?	<input type="checkbox"/>
Newspaper Notice	(Original full page & 3 Copies)	Attached?	<input type="checkbox"/>
Application Fee €380		Attached?	<input type="checkbox"/>
Site map 1:2,500	4 Copies	Attached?	<input type="checkbox"/>
Drainage System Drawings.	4 Copies	Attached?	<input type="checkbox"/>
Treatment Works Details <i>(if proposed)</i>	4 Copies	Attached?	<input type="checkbox"/>
Receiving Waters 95%ile & Dry Weather Flow Calculations	4 Copies	Attached?	<input type="checkbox"/>
Receiving Waters Chemical and Microbial Analysis <i>(Surface waters & Groundwater in case of percolation)</i>	4 Copies	Attached?	<input type="checkbox"/>
Assessment of impact of discharge on receiving waters	4 Copies	Attached?	<input type="checkbox"/>
Accreditation/Certification of Analyses	4 Copies	Attached?	<input type="checkbox"/>
Groundwater Assessment <i>(percolation areas)</i>	4 Copies	Attached?	<input type="checkbox"/>
Toxicity / bioaccumulation/biodegradation testing <i>(if required)</i>	4 Copies	Attached?	<input type="checkbox"/>
Certificate of Incorporation of Company <i>(if applicable)</i>	4 Copies	Attached?	<input type="checkbox"/>
Detailed Trade Operation Description <i>(Trade only, if applicable)</i>	4 Copies	Attached?	<input type="checkbox"/>
SEVESO Regs. Process Supporting Information <i>(Trade only, if applicable)</i>	4 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)
(COMMUNAL HOUSING SEWAGE AND TRADE EFFLUENTS)**

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. **(A) Newspaper Notice- 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) Newspaper notice- 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:** Four 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:** Four plans of the site to a scale of 1/2500 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:** Four 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:** Four drawings to scale of at least 1/500 showing any treatment works, pumping stations, sampling points, 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 issued by Environment Section, Donegal County Council and available from website..
7. **Effluent characteristics:** Describe all characteristics in the application form.
8. **Receiving Waters Flow Calculations:** Four 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 very comprehensive. All materials used, fuels, intermediaries, laboratory chemicals and products should be included.

List all raw materials, intermediates, and products generated including all other materials 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. 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 therein, 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 1st October, 1978, in the case of discharges to waters and the period of twelve months ending on 1st January, 1978 in the case of discharges to sewers.

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