



## Donegal County Council

*Comhairle Chontae Dhun na nGall*

Form  
DLW2-Q

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 - 1990

### **APPLICATION FOR LICENCE TO DISCHARGE TRADE EFFLUENT FROM A QUARRY TO WATERS**

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 trade effluent from a Quarry, 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 FROM A QUARRY TO WATERS**

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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**


**2 Name and address of Agent for correspondence**


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


**4 Donegal Co. Council Register No:**      Qy\_\_\_\_\_ Date Reg:\_\_\_\_\_

**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**

**10 Description of Effluent (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:**

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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 **Details of any other discharges from the premises**

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19 **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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20 **Hydrogeological Details** (*discharges to groundwater via percolation area only*)

Give details of any percolation areas in place or planned

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**21 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.

Section	Characteristic	Unit	Prior to Treatment	As Discharged
<b>A</b>	Temperature	°C		
	pH			
	Turbidity	NTU		
	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		
<b>B</b>	<b>Metals</b>			
	Arsenic	µg/l		
	Chromium	µg/l		
	Copper	µg/l		
	Lead	µg/l		
	Nickel	µg/l		
	Zinc	µg/l		
<i>Total Heavy Metals</i>	µg/l			
<b>C</b>	Mineral Oils or Hydrocarbons of petroleum origin			
<b>D</b>	Toxic substances (Specify)			
	Other relevant characteristics including fish toxicity data from tests carried out on all or part of the effluent			

**22 Trade Effluent**

Normal volume to be discharged per day:

Maximum volume to be discharged per day:

Maximum volume to be discharged per hour:

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

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


**23 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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24 **List all fuels & chemicals used & stored on-site, including spillage control measures & precautions:**

25 **Dust Monitoring:** Give details of Monitoring Programme & Operator of same

26 **Details of Dust Suppression:** Methods, frequency, collection of residues & diversion to holding tanks or lagoons

27 **Details of Blasting;** Frequency, Contractors

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

*(See explanatory notes overleaf)*

Donegal County Council Water Pollution Licence Application Form:  
Communal Housing and Trade Effluent to Waters

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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	Attached?	<input type="checkbox"/>
Drainage System Drawings.	Attached?	<input type="checkbox"/>
Treatment Works Details ( <i>if proposed</i> )	Attached?	<input type="checkbox"/>
Receiving Waters 95%ile & Dry Weather Flow Calculations	Attached?	<input type="checkbox"/>
Receiving Waters Chemical and Microbial Analysis ( <i>Surface waters &amp; Groundwater in case of percolation</i> )	Attached?	<input type="checkbox"/>
Assessment of impact of discharge on receiving waters	Attached?	<input type="checkbox"/>
Accreditation/Certification of Analyses	Attached?	<input type="checkbox"/>
Groundwater Assessment ( <i>percolation areas</i> )	Attached?	<input type="checkbox"/>
Certificate of Incorporation of Company ( <i>if applicable</i> )	Attached?	<input type="checkbox"/>
Detailed Trade Operation Description ( <i>Trade only, if applicable</i> )	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 FROM A QUARRY TO WATERS**

### **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, including settlement lagoons, and point of discharge are located, the boundaries of the land in applicant's ownership, North Point and Ordnance Sheet No.
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, eg- settlement lagoons, collection of dust suppression water.
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/wheel wash facilities, sanitary facilities. Detailed description of type, model, capacity of the treatment works and standards achieved for Suspended Solids etc.
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. "
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 any laboratory facilities associated with the activity.

- Details of all Dust Monitoring carried out in & around the site, including name & contact details for any Contractor employed for same, (*Section 25*).
- Details of dust suppression methods employed, including measures in place for collection of water used & diversion to effluent holding tanks or settlement lagoons, (*Section 26*).
- Details of any blasting work carried out on-site, including name & contact details for any Contractor employed for operational or monitoring purposes, frequency of blasting and likely impact on effluent holding structures, such as tanks or lagoons, (*Section 27*).

**12. Raw Materials and Product**

List the raw and ancillary materials, substances, preparations, fuels and chemicals including quantities typically stored, annual throughput, precautionary measures to mitigate against accidental spillages, eg- bunding, spill kits, absorbents, oil interceptors, (*Section 24 of Application Form*).

**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. The Donegal Co. Council Quarry Registration Number & date of registration should also be included, if known, (*Section 4*).

**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.

“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.

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