

**ROSCOMMON COUNTY COUNCIL
ENVIRONMENT DEPARTMENT**

Local Government (Water Pollution) Act's 1977 and 1990

APPLICATION FOR LICENCE TO DISCHARGE EFFLUENT

PART I - INFORMATION FOR THE APPLICANT IN MAKING AN APPLICATION

(This information is for guidance only and do not purport to be a legal interpretation of the provision concerned)

1. GENERAL

Under the Local Government (Water Pollution) Act, 1977 and 1990, a licence is required for the discharge of trade effluent or sewage effluent to waters (Section 4) or for the discharge of trade effluent or other matter to a sewer (Section 16).

A licence is not required to discharge domestic sewage or storm water to a sewer.

A licence is not required for “domestic sewage not exceeding in volume five cubic metres in any period of twenty four 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”.

This requirement does not apply to an industrial activity which is licensable under the Environmental Protection Agency Act 1992 or a waste activity which is licensable under the Waste Management Act's 1996 and 2005.

It shall be an offence for which heavy penalties apply to discharge a licensable effluent except under and in accordance with a licence.

2. NAME OF APPLICANT

The applicant name can be an individual or a company including management companies. In any event the applicant will be responsible for complying with all conditions attached to any licence issued.

3. WHERE TO APPLY

- (a) All applications for discharge should be made to The Director of Service, Environment Section, Roscommon County Council, Courthouse, Roscommon.

4. DOCUMENTS TO BE SUBMITTED

- (a) Five copies of each of the following documents should be submitted:
 - (i) Completed application form.

- (ii) A site location map showing the site of the facility (scale 1/2500) in colour and any adjoining land in the same ownership differently coloured and with sufficient details to identify the site in relation to the appropriate Ordnance Survey map.
- (iii) A detailed plan of the facility to a scale of not less than 1/500 showing all waste storage points, incoming and outgoing, discharge points, emission points, monitoring points, watercourses, fencing, access points to site and any other relevant information. Existing and proposed site levels should also be indicated.
- (iv) A drawing to an appropriate scale showing the locations of all relevant drainage systems, works, apparatus, plant or tanks from which effluent is to be discharged. It should also identify the waters to which the discharge is to be made, the point of discharge and also storage facilities, off loading facilities, lighting and other relevant details.
- (v) A copy of the relevant page of the newspaper in which notice of the application has been published. (see 6 below)
- (vi) Any particulars of the quality, volume and flow rate of receiving waters, the likely effects of the discharge on these waters and the results of any investigations undertaken in relation to these matters.
- (vii) For discharges to aquifers – The results of a prior investigation as outlined in Statutory Instrument (S.I.) 271/1992, as amended by S.I. 184/1996 and S.I. 42/1999.

(b) Fee of €380.00

5. PHOSPHATE REGULATIONS and SECTION 4 WATER LICENSING

This applies to all **Section 4 Water Pollution Licence applications** (new and review applications) for direct discharges to waters.

The following information is necessary in order to process an application for a discharge to waters:

- a. D.W.F. (dry weather flow of receiving water)
- b. Assimilative capacity of the waters i.e. 95% percentile flow or estimated low flow volumes with supporting documentation
- c. Dilution capacity of the receiving waters
- d. Upstream and Downstream Orthophosphate levels of the receiving waters
- e. Design concentration of the treatment plant for both Ortho and Total Phosphorus removal
- f. Volume of discharge in m³/day.

6. NEWSPAPER ADVERTISEMENT

A newspaper advertisement is necessary in respect of any application to discharge to **waters** including a review of any licence to discharge to waters. The advertisement should be inserted by the applicant in a newspaper which circulates widely in the district. The advertisement should be published within a period of **two weeks** prior to the making of an application for a licence and should state the following:

- (i) The Notice shall be headed "**Discharge of Effluent to Waters**".

- (ii) Name of the applicant and the name of the Local Authority to which application is being made.
- (iii) Give a general description of the effluent.
- (iv) In the case of trade effluent, state the nature of the trade or industry.
- (v) State the name and location of the premises from which the effluent is to be discharged.
- (vi) Indicate the waters to which the effluent is to be discharged.

7. DEFINITIONS

[a] **"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 to waters, or storm water.

[b] **"Trade"** includes agriculture, aquaculture, horticulture and any scientific research or experiment.

[c] **"Existing Discharge"** means a discharge, which is similar in nature, composition and temperature to, and is of a similar volume and is made at a similar rate to, a discharge made during any corresponding period of twelve months ending on the date of application.

[d] **"Waters"** is defined as:

- (a) any (or any part of any) river, stream, lake, canal, reservoir, aquifer, pond, watercourse or other inland waters, whether natural or artificial
- (b) any tidal waters, and
- (c) where the context permits, any beach, river bank and salt marsh or other area which is contiguous to anything mentioned in paragraph (a) or (b), and the channel or bed of anything mentioned in paragraph (a) which is for the time being dry, but does not include a sewer.

[e] **"Sewer"** is defined as:

a sewer within the meaning of the Local Government (Sanitary Services) Acts, 1878 to 1964, that is vested in or controlled by a Sanitary Authority and includes a sewage treatment works, and a sewage disposal works, that is vested in or controlled by a Sanitary Authority.

- 8** A section 4 licence refers to discharges to "Waters including groundwater/aquifer"
A section 16 licence refers to discharges to "Sewers"

ROSCOMMON COUNTY COUNCIL
ENVIRONMENT SECTION
Local Government (Water Pollution) Act, 1977 and 1990
APPLICATION FOR LICENCE
to discharge trade or sewage effluent

I hereby make application for a licence under Section 4/Section16 (delete as appropriate) of the Local Government (Water Pollution) Act, 1977 and 1990 to discharge effluent in accordance with the plans and other particulars attached. The discharge for which a license is sought is/is not (delete as appropriate) an existing discharge as defined in Section 5(4) of the Act.

I declare, to the best of my knowledge and belief, that the information submitted in this application is correct.

Checklist

I confirm that I have enclosed:

Please tick here

- Five copies of the application form, fully completed
- Five copies of the site location map
- Five copies of detailed plans of the facility
- Five copies of drawings showing effluent discharge details
- Five copies of the particulars of receiving waters
- Five copies of full drawings of the treatment plant
- Five copies of prior aquifer investigation (if required)
- Five copies of relevant Newspaper Notice (only for discharges to waters)
- Application & documents etc in electronic format. Optional
- Fee of €380.00
- Is the applicant's signature on the first page of the application form?

***3 copies of the above is adequate for Discharge to Sewers.**

Signed _____

Position in Company _____

Date _____

on behalf of _____

APPLICATION FOR LICENCE TO DISCHARGE EFFLUENT

PART II - APPLICATION FORM

Please indicate whether the application is for a discharge to Sewer, Waters or Groundwaters.

Sewer Waters Groundwaters

New Licence Application Review of Existing Licence

1 (a) Full Name of Applicant _____

(b) Contact Person _____

(c) Address of Applicant _____

(d) Body Corporate Registered Address

(e) Company Registration Number: _____

(f) Location of Activity (if different from (c) (above): _____

(g) Name and Address of Person to whom Correspondence should be sent (Agent):

(h) Telephone Numbers (i) Applicant _____

(ii) Agent _____

(i) Fax Numbers (i) Applicant _____

(ii) Agent _____

(j) E.Mail (i) Applicant _____

(ii) Agent _____

2 (a) Name and Address of the premises from which the effluent or other matter is to be discharged

(b) National Grid References: (i) Site
(6 digit, East and North)
(ii) Discharge

(c) Planning Reference Number (if appropriate) _____

3. Newspaper Advertisement (Discharge to Waters or Groundwaters only)

Publication: _____ Date: _____

I hereby make application under Section 4 of the Local Government (Water Pollution) Acts 1977 and 1990, to discharge trade effluent / sewage effluent / other matter [delete as appropriate] in accordance with the plans and particulars attached.

The discharge is/is not [delete as appropriate] an existing discharge (see definition in explanatory notes) as defined in Section 5(4) of the 1977 Act.

Signed: _____ **Date:** _____

4. If an effluent is a trade effluent or other matter, give a description of the process or activity which gives rise to the effluent generation. (Use separate sheets if necessary)

5. (1) Location of Points of Discharge. All discharge locations to be indicated clearly on both the site location map and facility drawings

Emission Point Reference No. _____ Location: _____

Emission Point Reference No. _____ Location: _____

Emission Point Reference No. _____ Location: _____

(2) Description of Receiving Waters or Sewer _____

(3) Details of Size and Construction of Discharge Pipeline or Outlet _____

(4) Particulars of Surface Water or any other discharges from the Premises
(all discharge points shall be indicated on the accompanying drawings)

(5) Date of Commencement of Discharge _____

6. Details of Emergency/Spillage Control Arrangements _____
(provide additional sheets, if necessary)

7. Number of Persons Employed on Site: _____

8. Volume of Trade Effluent to be discharged

(i) Normal per Day _____ (ii) Maximum in any one day _____

(iii) Maximum Rate per Hour _____

9. Hours of Business at Premises: _____

Temporal Variations in Discharge (if any) _____

10. Particulars of Treatment Plant _____
(Full Drawings of treatment plant must be supplied)

11. Is there an Environmental Management Plan (EMP) in place in respect of the site?

Yes

No

In Preparation

(If yes then please supply copy)

12. Characteristics of Trade Effluent

Complete Table 1 for all applicable characteristics giving concentration ranges where available. Concentrations in mg/l unless otherwise stated. Any other physical, chemical or other characteristic, which is pertinent to the application, should also be stated.

13. List of Raw Process Materials Utilised and Wastes Generated on Site

Table 2 should be fully completed in respect of all process raw materials and wastes.

14. Details of emergency procedures and facilities available to respond to unexpected incidents.

15. Details of Staffing on Water Pollution Control

16. Details of Provisions Made for Sampling and Measurement of Discharge

Table 3 should be completed to detail all existing monitoring facilities.

17. Off Site Waste Disposal

Table 4 should be completed to detail off site disposal routes for waste.

18. Seveso Regulations

State whether the activity consists of, comprises, or is for the purposes of, an industrial activity or isolated storage to which Regulations 12-18 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 _____

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.

**ROSCOMMON COUNTY COUNCIL – ENVIRONMENT SECTION
APPLICATION FOR WATER POLLUTION LICENCE**

**TABLE 1 - EMISSION TO SEWER, SURFACE WATER OR GROUNDWATER - Characteristics of Emission
(1 table per emission point)**

EMISSION POINT REFERENCE NO. _____									
PARAMETER	PRIOR TO PRE-TREATMENT			AS DISCHARGED			% REMOVAL		
	Max. Hourly average (mg/l) ⁽¹⁾	Max. Daily average (mg/l) ⁽¹⁾	Kgs./Day	Max. Hourly average (mg/l) ⁽¹⁾	Max. daily average (mg/l) ⁽¹⁾	Kgs./day	Kgs./Year		
pH									
Temperature									
BOD ₅									
COD									
Suspended Solids									
Total Nitrogen (as N)									
Total Phosphorous (as P)									
Oils, fats and greases									
Sulphates									
Detergents (as MBAS)									
Conductivity (uS/cm)									
Ammonia									
EC List I ⁽²⁾ (Specify)									
EC List II ⁽²⁾									

EMISSION POINT REFERENCE NO. _____

PARAMETER	PRIOR TO PRE-TREATMENT			AS DISCHARGED			% REMOVAL
	Max. Hourly average (mg/l) ⁽¹⁾	Max. Daily average (mg/l) ⁽¹⁾	Kgs./Day	Max. Hourly average (mg/l) ⁽¹⁾	Max. daily average (mg/l) ⁽¹⁾	Kgs./day	
(Specify)							
Phenols							
Sulphides							
Cyanides							
Fluorides							
Heavy Metals (Specify)							
OTHER SIGNIFICANT SUBSTANCE NOT LISTED							

(1) Except for pH and conductivity (2) See attached list

**ROSCOMMON COUNTY COUNCIL - ENVIRONMENT DEPARTMENT
APPLICATION FOR WATER POLLUTION LICENCE**

TABLE 2 - DETAILS OF PROCESS RELATED RAW MATERIALS, PRODUCTS, WASTES ETC., USED OR GENERATED ON SITE

Ref. No	Material/Substance ⁽¹⁾	CAS No.	Danger Category	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Risk Phrase ⁽²⁾	Safety Phrase ⁽²⁾

(1) State whether List I or List II as per attached sheet
(2) c.f. Schedules 2 and 3 of S.I. No. 77/94

**ROSCOMMON COUNTY COUNCIL - ENVIRONMENT DEPARTMENT
APPLICATION FOR WATER POLLUTION LICENCE**

TABLE 3 - MONITORING

POINT REFERENCE NUMBER	LOCATION	EQUIPMENT IN PLACE	PARAMETERS MONITORED	FREQUENCY OF MONITORING	IMPACTS
Waters					
Groundwaters					

TABLE 4 - OFF-SITE WASTE DISPOSAL

WASTE DESCRIPTION	EWC CATALOGUE NO.	QUANTITY (TONNES PER ANNUM)	NAME OF SITE ACCEPTING WASTE	REFERENCE NUMBER OF SITE ENVIRONMENT LICENCE	STATE WHETHER RECYCLING, RECOVERY OR DISPOSAL

DIRECTIVE 74/464/EC - LIST I AND LIST II SUBSTANCES

LIST I

1. Organohalogen Compounds and substances, which may form such compounds in the aquatic environment
2. Organophosphorous compounds
3. Organotin compounds
4. Substances which possess carcinogenic, mutagenic or teratogenic properties in or via the aquatic environment *

**Where certain substances in List II are carcinogenic, mutagenic or teratogenic, they are included in this category.*

5. Mercury and its compounds.
6. Cadmium and its compounds.
7. Persistent minerals oils and hydrocarbons of petroleum origin.
8. Persistent synthetic substances, which may float, remain in suspension, or sink and which may interfere with any use of the waters.

LIST 11

1. The following metalloids and metals and their compounds:
 1. Zinc
 2. Copper
 3. Nickel
 4. Chromium
 5. Lead
 6. Selenium
 7. Arsenic
 8. Antimony
 9. Molybdenum
 10. Titanium
 11. Tin
 12. Barium
 13. Beryllium
 14. Boron
 15. Uranium
 16. Vanadium
 17. Cobalt
 18. Thallium
 19. Tellurium
 20. Silver

2. Biocides and their derivatives not appearing on List 1.

3. Substances, which have a deleterious effect on the taste/ or smell of the products for human consumption, derived from the aquatic environment, and compounds liable to cause the formation of such substances in water.

4. Toxic or persistent organic compounds of silicon and substances which may give rise to such compounds in water, excluding those which are biologically harmless or are rapidly converted in water into harmless substances.

5. Inorganic compounds of phosphorous and elemental phosphorous.

6. Non persistent mineral oils and hydrocarbons of petroleum origin.

7. Cyanides, fluorides.

8. Substances which have an adverse effect on the oxygen balance, particularly ammonia, nitrites.