

WEXFORD COUNTY COUNCIL
EXPLANATORY NOTES
DISCHARGE LICENCE APPLICATION

WEXFORD COUNTY COUNCIL - SANITARY AUTHORITY

WATER POLLUTION ACTS 1977 – 1990

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: -

1. Discharges to tidal waters from vessels at marine structures.
2. Discharges from Local Authority sewers.
3. Trade effluent discharges by a Sanitary Authority in the course of the performance of its powers and duties, other than from a sewer.
4. 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:

1. Domestic sewage and storm water.

Wexford County Council

Comhairle Chontae Loch Garman

LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977 and 1990

APPLICATION FOR LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

*TO Environment Section

ADDRESS Wexford County Council,

County Hall

Wexford

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 ()^x effluent in accordance with the plans and other particulars attached. The discharge for which a licence is sought is/is not^y an existing discharge * as defined in Section 5(4) of the Act.

* See explanatory notes

x Insert "trade", "sewage" or "trade and sewage".

y Delete whichever is inapplicable.

IMPORTANT

Before completing the application form please read explanatory notes.

EXPLANATORY NOTES:

(These notes are for guidance only and do not purport to be a legal interpretation of the provision concerned).

A Licence will be required under the Local Government (Water Pollution) Acts 1977 and 1990 for any new discharge of Trade Effluent or matter other than domestic sewage or storm water to a sewer made after 1st January, 1979.

EXISTING DISCHARGE is defined in Section 18(4) of the Act as 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 12 months ending on 1st January, 1979.

The application should be addressed to the sanitary authority in which the sewer is vested or by which it is controlled (see Section 16(1) of Local Government (Water Pollution) Act 1977). Sanitary Authorities comprise the County and County Borough Councils and the borough and urban district councils.

Documents required for application:

Six Copies of all documentation

1. **Fee:** A fee of €380 must be submitted with each licence application.
2. **Newspaper Notice** See attached additional notes for details.
3. **Application Form:** Application form must be **fully completed and signed**
4. **Site Map:** Such plans, SIX COPIES Site map to scale 1/2500 showing the premises, the waters to which discharge will be made, the point of discharge to waters, the name of the townland where the premises and point of connection are located, the boundaries of the land in applicant's ownership, North point and Ordnance Sheet No.
5. **Drainage System:** Six copies of drawing to scale 1/2500 showing drainage system and any works, apparatus or plant from which effluent will be discharged.
6. **Treatment Works:** Six copies of drawings to scale 1/2500 showing any treatment works.
7. Particulars of the nature and composition, anticipated temperature, volume and rate of discharge of and proposed method of treatment of any effluent along with the period or periods during which the effluent is to be discharged.
8. In the case of trade effluent, a general description of the process or activity giving rise to the discharge.
9. A licence application for an existing discharge shall be accompanied by a statement that it is such a discharge in addition to the information specified above.
10. 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.

11. 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

It will be an offence for which heavy penalties apply under the Local Government (Water Pollution) Acts 1977 and 1990, to discharge or cause or permit a licensable discharge of effluent to a sewer after 1st January, 1979 unless under and in accordance with the provisions of the Acts.

APPLICATION FOR A LICENCE TO
DISCHARGE TRADE or SEWAGE EFFLUENT TO
WATERS

PUBLIC NOTICE REQUIREMENT.

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 and applicants are advised to adhere to the following guidelines:

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. Wexford 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.

The application should be submitted **within two weeks** of the date of publication, and the **full page** of same must be submitted.

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.

GENERAL

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.

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.

“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 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.

**Secretary
County Hall
Wexford**



Wexford County Council

Comhairle Chontae Loch Garman

APPLICATION FOR LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

1. Name of Applicant _____

Address for correspondence and Notices _____

Phone: _____

Planning Reference No _____

2. If Discharger is a Registered Company state:

(a) Registered name of company _____

(b) Address of Registered Office _____

(c) Name of Company Secretary _____

3. Name and Address of Premises _____
from which the effluent is to
be discharged: _____

4. Description of Effluent (e.g.) _____
Trade of Sewage of Trade
and Sewage) _____

Effluent is a trade effluent
give general description of
process or activity giving
rise to the discharge.

5. Operational Information

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.

6. Raw Materials and Product

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

In cases where a raw material is comprised of 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 principal 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, Labelling 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

Give a list (see Table 1, over) of the raw and ancillary materials, substances, preparations, fuels and energy which will be produced by (as a product) or utilised in the activity.

The list(s) given should be very comprehensive, all materials used, fuels, intermediaries, laboratory chemicals and product should be included.

Particular attention should be paid to materials and product consisting of, or containing, dangerous substances as described in the EU (Classification, Packaging, Labelling 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.

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

Ref. N° 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

- 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° 77/94
3. c.f. Schedules 2 and 3 of SI N° 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.): 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° or Code	Material/ Substance ⁽²⁾	TA Luft Class 1, 2 or 3	Odour			EU Lists I and II (Tick and specify Group/Family Number)			
			Odourous Yes/No	Description	Threshold µg/m ³	Dangerous Substances Directive 76/464/EEC		Groundwater Directive 80/68/EEC	
						List I	List II +129 ⁽⁵⁾	List I	List II

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

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 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.

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.

7.(a) Location of point of discharge (include National Grid Reference) if possible _____

(b) Description of waters to which discharge is to be made: _____

(c) Details of size and construction of outlet. Plans in duplicate, indicating the premises, drainage system and any works, apparatus or plan from which the effluent is to be discharged must accompany this application form. Point of discharge should be shown On 1/2500 O.S. Map. _____

8. Details of size and construction of outlet _____

9. If there are any other discharges from the premises give particulars _____

A summary list of emission points together with maps, drawings and supporting documentation should be provided.

Where emissions are from on-site surface water collection systems the following information is required;

- Drawings with invert levels and pipe sizes of all collection systems and emission points for all surface water;
- The area of the roof and other impervious areas drained for each collection system (catchment area); Potential points Normal operation and variations for start-up and shutdown should be described. Anticipated malfunctions and known problems associated with the treatment should be highlighted.

10. Is the Discharge an existing Discharge? _____

If the discharge for which you Require a licence is an "existing discharge" state date of discharge _____

11. State ref number and date of Planning Permission given for premises from which discharge will be made. _____

12. State the source of your water supply _____

13. Details of provision made for sampling and measuring flow of effluent. _____

14. Details of any special arrangements to prevent accidental discharge _____

15. Particulars of effluent treatment employed or proposed _____

16. General:

a) Date of commencement of discharge _____

b) Sewage Effluent:

(1) Number of persons served. _____

(2) Anticipated dry weather flow _____

c) Effluent:

Volume of effluent to be discharged _____

(1) Normal Per Day _____

(2) Maximum in any one day _____

(3) Maximum rate per hour _____

(d) The period or periods of the day which the discharge is to take place _____

(e) Any seasonal or other variations (including any arising from plant malfunction) in volumes of effluent to be discharged. _____

f) Particulars of effluent treatment _____

g) Receiving water flow data 95%ile /DWF and typical analysis of water quality in the receiving water body should also be provided. Details of any accreditation or certification of analysis should also be included.

- Flow data and chemical composition of waters upstream and downstream of the emission point .

17. Characteristics of Effluent

Complete for all applicable characteristics giving concentration ranges where available. Concentration to be expressed in mg/l., where applicable.

The following is a list meant to be indicative only – such other physical, chemical or other characteristics as are pertinent to the effluent in question should be specified.

Characteristics	Prior to treatment	As Discharged
Temperature °C	_____	_____
pH	_____	_____
Colour (degrees Hazen)	_____	_____
B.O.D. (mg/l)	_____	_____
C.O.D(mg/l)	_____	_____
Suspended Solids (mg/l)	_____	_____
Settleable Solids (ml/l)	_____	_____
Dissolved Solids	_____	_____
Ammonia (as N)	_____	_____
Nitrates (as N)	_____	_____
Phosphorus (as P)	_____	_____
Sulphates (as SO ₄)	_____	_____
Chlorides (as Cl)	_____	_____
Phenols (as C ₆ H ₅ OH)	_____	_____
Detergents (as Laurysulphate)	_____	_____
Oils, Grease and Fats	_____	_____

Pesticides and solvents (ug/l)

Atrazine	_____
Dichloromethane	_____
Simazine	_____
Toluene	_____
Tributyltin	_____
Xylenes	_____

Metals (ug/l)

Arsenic _____
Chromium _____
Copper _____
Cyanide _____
Fluoride _____
Lead _____
Nickel _____
Zinc _____
Total Heavy metals _____

Organohalogen Composite (Specify)
Organophosphorus Compounds (Specify)
Organotin Compounds (Specify)
Mineral Oils or Hydrocarbons of
petroleum origin
Other toxic substances (Specify)

Other relevant characteristics (including
fish toxicity data from tests carried
out on all or part of the effluent)

Signed: _____

Date: _____