



Comhairle Contae Thiobraid Árann
Tipperary County Council

Comhairle Contae
Thiobraid Árann,
Oifigí Cathartha,
Cluain Meala,
Co. Thiobraid Árann
Tipperary County Council,
Civic Offices, Clonmel,
Co. Tipperary
E91 N512

Comhairle Contae
Thiobraid Árann,
Oifigí Cathartha,
An tAonach,
Co. Thiobraid Árann
Tipperary County Council,
Civic Offices, Nenagh,
Co. Tipperary
E45 A099

t 0818 06 5000
e customerservice
@tipperarycoco.ie
tipperarycoco.ie

Local Government (Water Pollution) Acts, 1977 & 1990

APPLICATION FOR A LICENCE TO DISCHARGE TRADE AND/ OR DOMESTIC WASTE WATER TO SURFACE WATER

Please send the completed application form, accompanied by all relevant information and payment, to either the Clonmel or Nenagh office (see addresses above).

Contents

Glossary of Terms	i
PART I - Section 1	1
A. Guidance on Applying for a Discharge Licence	1
B. Completing the Application Form	1
C. Signatures of the Applicant & Agent	3
PART I - Section 2	4
A. Disclosure of Information	4
B. False or Misleading Information	4
PART II – Section 1	5
A. Contact Details – Applicant	5
B. Contact Details – Agent	6
PART II – Section 2	7
A. Site Details	7
PART III – Section 1	11
A. Effluent Details	11
PART III – Section 2	13
A. Effluent Treatment	13
PART III – Section 3	16
A. Effluent Monitoring	16
B. Pollution Control	17
PART IV – Section 1	18
A. General Details	18
PART IV – Section 2	19
A. (i) Receiving Water Details - Discharge to Inland Surface Water	19
PART IV – Section 3	26
A. Impact of Discharge - Discharge to Inland Surface Waters	26
B. Impact of Discharge - Discharge to Transitional / Coastal Waters	26
PART IV – Section 4	27
Checklist for Applicant when applying for a licence to discharge to Water	27
Appendix A - Provide details of process related raw materials, products etc. used or generated on site.	28
Appendix B - Off-site Waste Disposal	29
Appendix C - Characteristics of Trade and/or Domestic Effluent	30
Appendix D - Dangerous Substances	33

Glossary of Terms

The following provides a partial glossary of terms used in this document. The definitions therein are not to be taken as comprehensive but solely as an aid to the non-technical reader.

Abstraction

In relation to water contained in any source of water, means the doing of anything whereby any of that water is removed from that source of water, whether temporarily or permanently, including anything whereby the water is so removed for the purpose of being transferred to another source of water. (*Source: Water Services Act, 2007*)

Authorised person

A person appointed in writing by the Minister or by a Water Services Authority / Local Authority for the purposes of enforcing the legislation under which they have been appointed.

Domestic Waste Water

Waste water of a composition and concentration (biological and chemical) normally discharged by a household, and which originates predominantly from the human metabolism or from day to day domestic type human activities, including washing and sanitation, but does not include fats, oils, grease or food particles discharged from a premises in the course of, or in preparation for, providing a related service or carrying on a related trade. (*Source: Water Services Act, 2007*)

Groundwater

All water below the land surface that is not in a pipe or similarly contained. (*Source: Water Services Act, 2007*)

Licence Application

An application to a Local Authority or a Water Services Authority for a licence to discharge trade or sewage effluent to surface waters or to sewer.

Licensing Authority

Includes the Water Services Authority (as defined in the Water Services Act, 2007) and the Local Authority (as defined in the Local Government Act, 2001) which includes County Councils and City Councils.

Polluting Matter

Any substance liable to cause pollution, and, for the purpose of this definition, 'substance' includes bacteria and other pathogens, where relevant, and the expression "polluting matter" shall be construed accordingly. (*Source European Communities Environmental Objectives (Surface Waters) Regulations, 2009*)

Pollution

The discharge by man, directly or indirectly, of substances or energy into the aquatic environment, the results of which are such as to cause hazards to human health, harm to living resources and to aquatic ecosystems, damage to amenities or interference with other legitimate uses of water.

Priority Substances

Those substances or groups of substances identified by the Commission in accordance with Article 16(2) of the Water Framework Directive and listed in Tables 11 and 12 of Schedule 6 of the European Communities Environmental Objectives (Surface Waters) Regulations, 2009 that have been prioritised for action by the setting of environmental quality standards at Community level.

Priority Hazardous Substances

Those substances or groups of substances forming a subset of priority substances identified by the Commission in accordance with Article 16(3) of the Water Framework Directive and for which measures have to be taken to cease or phase-out discharges, losses and emissions and which are listed in Table 12 of Schedule 6 of the European Communities Environmental Objectives (Surface Waters) Regulations, 2009.

Sewer

Drainage pipes and sewers of every description, including storm water sewers, owned by, vested in or controlled by a water services authority, an authorised provider of water services or a person providing water services jointly with or on behalf of a water services authority or an authorised provider of water services, but does not include a drain or service connection (*Source: Water Services Act, 2007*)

Sewage Effluent

Effluent from any works, apparatus, plant or drainage pipe used for the disposal to waters of sewage, whether treated or untreated (*Source: Local Government (Water Pollution) Act 1977*)

Surface Water

A discrete and significant element of surface water such as a lake, reservoir, stream, river or canal, part of a stream, river or canal, a transitional water or a stretch of coastal water. (*Source European Communities Environmental Objectives (Surface Waters) Regulations, 2009*)

Trade Effluent

Effluent from any works, apparatus, plant or drainage pipe used for the disposal to a waste water works 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 waste water or storm water (*Source: Water Services Act, 2007*).

Water Services Authority

Includes a County Council or a City Council as defined in the Local Government Act, 2001, (sanitary authority or local authority).

PART I - Section 1

A. Guidance on Applying for a Discharge Licence

Any person who intends to discharge domestic waste water or trade effluent to surface waters must attain permission to do so from either the Local Authority or the Environmental Protection Agency (EPA) before the discharge is commenced.

Where the discharge is licensable by the Local Authority, this Application Form is to be completed and submitted to the Local Authority in order to provide the information necessary to determine whether it is acceptable to grant permission to discharge.

The Applicant is requested to read the “Guidance on Applying for a Discharge Licence” before completing this licence application form.

B. Completing the Application Form

Guidance on what information is to be included in each Part of the Application Form is provided in the “*Guidance on Applying for a Discharge Licence*”.

The Applicant is asked to contact the Licensing Authority in the event that:

- they are unsure as to whether the discharge is licensable by the Local Authority or the EPA
- they are having difficulty in providing all the information required in the application form
- they are unsure of what information they are to provide in the form
- they are unsure of where to source the information required in the form
- they require any information or guidance on filling out the form

The Licensing Authority WILL NOT be able to process an incomplete application.

Who Should Fill in This Form?

This form is comprised of four separate parts as follows:

- **Part I – Declaration & Signatures**
This part is to be completed by all applicants for a licence to discharge to waters
- **Part II – General Details**
This part is to be completed by all applicants for a licence to discharge to waters.
- **Part III – Effluent Details**
This part is to be completed by all applicants for a licence to discharge to waters
- **Part IV – Discharges to Surface Water**

B. Completing the Application Form

This part is to be completed by all applicants who propose to discharge trade effluent or domestic waste water (or both) to surface water. For clarification on what constitutes a trade effluent or a domestic waste water refer to the “*Guidance on Applying for a Discharge Licence*”. Clarification on what is defined as a surface water is also provided.

Where multiple discharges are proposed, the applicant for a discharge licence must first contact the Licensing Authority for advice on whether one application form will suffice or whether multiple forms need to be submitted.

Additional Sheets

Where any part of the Application Form does not afford sufficient space to provide the required information then the Applicant should attach additional sheets to the form containing such information.

The additional sheets should cross-reference between the Application Form and the sheets. Mark each sheet with the name of the Applicant and the name of the premises from which the discharge is generated and indicate the section and part of the Application Form to which the additional sheets relate. An example of an Additional Sheet cross reference is provided in “*Guidance on Applying for a Discharge Licence*”.

Request for Further Information

The Licensing Authority is entitled under Section 7(3) of the *Local Government (Water Pollution) Regulations, 1978* to request the Applicant to submit additional information that the Licensing Authority deems to be necessary for the consideration of an application for a discharge licence.

Where this information is not provided by the Applicant within a three month period of receiving such a request then the Licensing Authority may carry out the necessary investigations to acquire the information, the cost of which is to be borne by the Applicant. Alternatively the Licensing Authority may proceed to make a determination on the application in the absence of such information.

C. Signatures of the Applicant & Agent

Identify the class of discharge to which this application pertains.

**I hereby make an application for a licence to discharge _____* effluent to
Waters / Sewer (delete as appropriate) under the Local Government (Water Pollution)
Act 1977 in respect of the particulars included in this application on behalf of
_____ (insert name of the Applicant).**

Where this application is made by an Agent on behalf of an Applicant, the signature of the Applicant must be provided below confirming the authorisation of the Agent to apply for a licence on their behalf:

**I hereby authorise _____ (name of Agent) to apply for a discharge licence on
behalf of _____ (name of Applicant).**

Signed: **Date:**

(provide signature of Applicant)

**I hereby declare that I am fully aware of my responsibilities to implement the
conditions of any licence granted on the basis of this application and acknowledge that I
may be subject to criminal liability whereby the terms of the licence are not complied
with.**

Signed: **Date:**

(provide signature of Applicant)

**Refer to the “Guidance on Applying for a Discharge Licence” for definitions of the
Applicant and the Agent.**

PART I - Section 2

A. Disclosure of Information

The Freedom of Information Act, 1997 (as amended) states that every person has a right to access to any record held by a public body. This includes discharge licenses (and associated applications) held by the Local Authority. The Local Authority may refuse to provide access to records held by them where the information was provided to the Local Authority in confidence with the understanding that it is to be treated as confidential. Circumstances under which confidentiality may apply include where information submitted in the application contains commercially sensitive information or matters of National security.

The Applicant is requested to identify all information submitted with the application which is to be treated as confidential and is requested to identify the grounds on which the information may be categorised as confidential.

B. False or Misleading Information

It is an offence under the *Local Government (Water Pollution) Act, 1977* to knowingly submit false or misleading information in the licence application and an Applicant is liable to a fine on summary conviction of such an offence.

Please provide signature of the authorised representatives of the Applicant and where appropriate the Agent confirming that all the information submitted in this application is correct and that they have made themselves aware of the provisions of the Freedom of Information Act.

I/we hereby declare that I/we have made myself/ourselves aware of the provisions of the Freedom of Information Act and that I/we understand that there is a legal obligation on the Local Authority to make this discharge licence application available for inspection by third parties.

I/We hereby declare that to the best of my/our knowledge all of the information provided in this application is true and correct.

Signed: **Date:**

(provide signature of the Applicant)

Signed: **Date:**

(provide signature of the Agent)

PART II – Section 1

A. Contact Details – Applicant	
A. (i) Provide contact details for the Applicant below	
The Applicant is:	<input type="checkbox"/> An Individual <input type="checkbox"/> A Group of Individuals <input type="checkbox"/> A Corporate Body
Name (Principal Contact)*	
Address	_____ _____ _____
Phone Number (day)	
Phone Number (night)	
Fax	
e-mail	
<p>* Where the Applicant is a group of individuals or a corporate body, provide the name of one individual to be the principal contact for the purpose of correspondence relating a licence granted by the licensing authority.</p>	

A. (ii) Where the Applicant is an Individual provide the following details:	
Relationship to the premises from which it is proposed to discharge	<input type="checkbox"/> Owner/occupier <input type="checkbox"/> Landowner <input type="checkbox"/> Responsible for treatment facility <input type="checkbox"/> Other _____ <i>(please specify)</i>

A. (iii) Where the Applicant is a Group of Individuals provide the following details:	
Type of Group	<input type="checkbox"/> Management Company <input type="checkbox"/> Residents Association <input type="checkbox"/> Voluntary Group <input type="checkbox"/> Club <input type="checkbox"/> Other _____ <i>(please specify)</i>

PART II – GENERAL DETAILS

A. (iv) Where the Applicant is a Corporate Body provide the following details:	
Type of Corporate Body	<input type="checkbox"/> Limited Company <input type="checkbox"/> Public Limited Company <input type="checkbox"/> Sole Trader <input type="checkbox"/> Co-operative <input type="checkbox"/> Partnership <input type="checkbox"/> Other _____ <i>(please specify)</i>
Certificate of Incorporation must be included with the application listing the names of Directors.	

B. Contact Details – Agent	
B. Where an Agent is making this application on behalf of an Applicant the Agent's contact details must be provided	
Name	
Address	<hr/> <hr/> <hr/>
Phone Number (day)	
Phone Number (night)	
Fax	
e-mail	
Relationship to the Applicant e.g. employee, consultant, partner.	

PART II – GENERAL DETAILS

Provide copies of the outfall drawings.

PART II – GENERAL DETAILS

A. (ii) Identify the sector from which the proposed discharge will be generated.			
Type of Premises	<i>Please tick the box as appropriate</i>		√
	Accommodation	Household / Holiday Home	
		Hotel / Guesthouse / B&B	
		Caravan Park / Camp Site	
		Nursing Home	
	Education	Non-residential facility	
		Boarding School	
		College / University	
	Commercial / Service	Office	
		Hairdresser / Beauty Salon	
		Doctor Surgery	
		Dentist	
		Laundrettes and Dry Cleaners	
		Petrol Station	
		Hospital	
		Churches, Monasteries etc.	
		Amenities (golf course, sport facilities etc.)	
	Food & Drink	Public House (with or without food preparation)	
		Restaurant / Café / Take Away	
	Transport	Airport	
		Train station	
		Bus station	
	Industrial	Dry process industry without canteen	
		Dry process industry with canteen where food is prepared	
		Chemicals industry	
		Wood, paper, textiles and leather	
		Food and drink	
		Minerals and other materials	
		Energy	
		Metals	
		Mineral fibres and glass	
		Fossil fuels	
		Cement manufacture	
Waste			
Surface coatings			
Other (Please specify)	e.g. tourism- heritage centre		

PART II – GENERAL DETAILS

A. (iii) Activities Carried Out on Site.

Provide details of the activities carried out on site. Where this involves a process, provide an overview of the process. In particular indicate where domestic waste water / trade effluent is generated.

Provide additional sheets where necessary.

Process Materials & Waste Disposal

Where applicable, complete **Appendix A and Appendix B** of this form.

PART III – Section 1

A. Effluent Details	
PART III – Section 1 A is to be completed by All Applicants.	
Type of effluent	<input type="checkbox"/> Domestic Waste water Only <input type="checkbox"/> Trade Effluent Only <input type="checkbox"/> Both Domestic and Trade Effluent
Indicate the type of discharge to which this application relates.	<input type="checkbox"/> New Discharge <input type="checkbox"/> Existing Discharge
Domestic Waste water only (if relevant)	Population Equivalent (p.e.) _____ <hr/> Expected Dry Weather Flow (DWF) _____ m ³ /day. <i>Provide details of how the P.E. & DWF were calculated.</i>
Trade Effluent only or Domestic & Trade (if relevant)	Normal volume of effluent discharged per day is _____ m ³ /day. <hr/> Maximum volume of effluent discharged in one day is _____ m ³ /day. <hr/> Maximum volume of effluent discharged per hour is _____ m ³ /hour. <i>Provide details of how the trade effluent flows are calculated.</i>
Effluent Characteristics.	<p align="center">Complete Appendix C and Appendix D of this form.</p> <p align="center"><i>Provide additional sheets where necessary.</i></p>

PART III – EFFLUENT DETAILS

A. Effluent Details	
PART III – Section 1 B is to be completed by All Applicants.	
<i>Provide additional sheets where necessary.</i>	
Discharge Variability	<p>Briefly identify whether there is likely to be variability in the discharge flow or characteristics e.g. due to process changes, due to seasonal variation, due to diurnal changes etc.</p> <p>Where the discharge shows seasonal or other variation, please provide details of flow volumes and times of discharge.</p> <p>Also provide details of varying effluent characteristics in Appendix C and Appendix D.</p>
Date of Discharge	<p>Date: _____</p> <p>Identify the proposed date for the commencement of the discharge or where it is an existing discharge identify the date on which the discharge commenced.</p>
Fats, Oils and Grease (FOG) (if relevant)	<p>Provide details of control measures proposed for the removal of FOG from the effluent prior to discharge. Provide technical data sheets for any equipment proposed.</p>
Food Waste (if relevant)	<p>Provide details of provisions for source segregation and disposal of food waste.</p>
Other Discharges	<p>Provide particulars of any other discharges from the premises (e.g. storm water).</p>
Water Supply	<p>Provide details of the source of water that will form part of the discharge e.g. mains, borehole, river etc.</p> <hr/> <p>The estimated volume of water used per day is _____ m³/day</p>
Other Effluent Details	<p>You may be required to furnish such other particulars as the Licensing Authority may reasonably require for consideration of the application e.g. effluent toxicity testing, bioaccumulation testing, biodegradation testing.</p>

PART III – Section 2

A. Effluent Treatment	
PART III – Section 2 A is to be completed where the effluent is to be treated prior to discharge.	
Operator of Treatment System	Where the treatment system is to be maintained and operated by a third party please provide the following:
	Contact Name
	Company Name
	Address
	Phone Number (day)
	Phone Number (night)
	Fax
	e-mail
	Registered Company Details
Waste Water Treatment System Overview	Provide particulars of the existing / proposed effluent treatment system.

PART III – EFFLUENT DETAILS

Provide additional sheets where necessary.

Provide copies of the treatment system process drawings.

PART III – EFFLUENT DETAILS

A. Effluent Treatment

PART III – Section 2 B is to be completed where the effluent is to be treated prior to discharge.

Provide additional sheets where necessary.

Treatment System Maintenance	Provide details of the proposals for the treatment system maintenance.
Plant Failure	Identify how any failure of the treatment system will be detected.
Sludge	Provide details of proposals for dealing with sludge (where relevant).

PART III – EFFLUENT DETAILS

B. Pollution Control

PART III – Section 3 B is to be completed by All Applicants.

Provide details of any pollution control measures proposed.

Provide additional sheets where necessary.

Accidental Discharges

Provide details of arrangements to prevent accidental discharges.

Provide below, details of emergency procedures, contact persons and facilities available to respond to unexpected incidents.

Emergency Response

Contact Name

Phone Number (day)

Phone Number (night)

Provide details of any emergency procedure.

Environmental Management Plan

Is there an Environmental Management Plan in place in respect of the site?

Yes

No

If 'Yes' please submit a copy with this application.

PART IV – Section 1

A. General Details	
Identify why it is not feasible to discharge to sewer in this case.	
Provide details of the newspaper notice.	Name of Publication _____ Date of Print _____ <i>Please include one original plus the required copies of the notice.</i>

PART IV – DISCHARGE TO SURFACE WATER

A. (i) Receiving Water Details - Discharge to Inland Surface Water (continued)	
Name of River Basin District	Provide the name of the River Basin District in which the discharge is located _____.
Water Framework Directive Waterbody Status	<input type="checkbox"/> No Status <input type="checkbox"/> Moderate <input type="checkbox"/> Bad <input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> High
Refer to “Guidance on Applying for a Discharge Licence” for sources of information.	
Receiving Water Flow Data.	<p><i>Where available include information from existing hydrometric station / flow estimation tool.</i></p> <p>_____ m³ /sec Dry Weather Flow (DWF).</p> <p>_____ m³ /sec Mean flow.</p> <p>_____ m³ /sec 95%ile flow.</p> <p>Source of Information:</p> <p><input type="checkbox"/> EPA <input type="checkbox"/> OPW</p> <p>Hydrometric Station Reference Number: _____</p> <hr/> <p><i>Include information from on-site flow measurement where it has been undertaken.</i></p> <p>Flow: _____ m³/sec Date: _____</p> <p>Flow: _____ m³/sec Date: _____</p> <p>Flow: _____ m³/sec Date: _____</p> <p><i>Provide information on rainfall for a minimum of six days preceding each flow measurement.</i></p>

PART IV – DISCHARGE TO SURFACE WATER

A. (ii) Receiving Water Details - Discharge to Inland Surface Water		
Receiving water background chemical data.	Parameter	Result (mean)
	BOD ₅ mgO ₂ /l	
	Suspended Solids mg/l	
	pH (pH units)	
	Dissolved Oxygen mg/l O ₂	
	Temperature °C	
	Total Ammonia as mg/l N	
	Un-ionised Ammonia as mg/l N	
	Orthophosphate as mg/l P (unfiltered MRP)	
	Total Phosphorus as mg/l P	
	Nitrite as mg/l N	
	Nitrate as mg/l N	
	Total Nitrogen mg/l N	
	Chloride mg/l	
	Sulphate mg/l	

Refer to “Guidance on Applying for a Discharge Licence” for guidance on reporting monitoring data and on sampling.

PART IV – DISCHARGE TO SURFACE WATER

B. (i) Receiving Water Details - Discharge to Transitional / Coastal Water

PART IV – Section 2 B is to be completed where the application pertains to a discharge to coastal or transitional waters i.e. estuaries / marine waters.

Name of Receiving Water																			
Location of Discharge (Co-ordinates)	Easting											Northing							

Add additional rows where necessary.
All discharge locations to be indicated clearly on OS Map.

Designation*	<p>The receiving water is located within the boundary of (or the discharge point is in the boundary of or within 3km of): <i>(tick as appropriate)</i></p> <p><input type="checkbox"/> An SAC, site code _____.</p> <p><input type="checkbox"/> An SPA, site code _____.</p> <p><input type="checkbox"/> None of the Above</p> <p><i>* Note: Where the discharge is located within the boundary of or is within 3km of an SAC/SPA, an Appropriate Assessment must be submitted with this application as required by Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora (Habitats Directive).</i></p> <hr/> <p>The receiving water is designated as: <i>(tick as appropriate)</i></p> <p><input type="checkbox"/> A Shellfish Water</p> <p><input type="checkbox"/> A Bathing Water</p> <p><input type="checkbox"/> A Sensitive Water</p> <p><input type="checkbox"/> None of the Above</p>														
---------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Name of River Basin District	Provide the name of the River Basin District in which the discharge is located _____.														
-------------------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Water Framework Directive Waterbody Status	<table style="width: 100%;"> <tr> <td><input type="checkbox"/> No Status</td> <td><input type="checkbox"/> Moderate</td> </tr> <tr> <td><input type="checkbox"/> Bad</td> <td><input type="checkbox"/> Good</td> </tr> <tr> <td><input type="checkbox"/> Poor</td> <td><input type="checkbox"/> High</td> </tr> </table>															<input type="checkbox"/> No Status	<input type="checkbox"/> Moderate	<input type="checkbox"/> Bad	<input type="checkbox"/> Good	<input type="checkbox"/> Poor	<input type="checkbox"/> High
<input type="checkbox"/> No Status	<input type="checkbox"/> Moderate																				
<input type="checkbox"/> Bad	<input type="checkbox"/> Good																				
<input type="checkbox"/> Poor	<input type="checkbox"/> High																				

Refer to “Guidance on Applying for a Discharge Licence” for sources of information.

PART IV – DISCHARGE TO SURFACE WATER

B. (i) Receiving Water Details - Discharge to Transitional / Coastal Water (continued)	
Position of outfall	<p>The outfall is/will be positioned _____ metres above/below <i>(delete as appropriate)</i> Mean High Water Spring Tide</p> <p>and</p> <p>The outfall is/will be positioned _____ metres above/below <i>(delete as appropriate)</i> Mean Low Water Spring Tide</p>
Bathymetric Survey	<p>A bathymetric survey has/has not <i>(delete as appropriate)</i> been undertaken.</p> <p><i>Where a bathymetric survey has been undertaken, please include a copy with this application.</i></p>
Foreshore Licence	<p>A Foreshore Licence is:</p> <p><input type="checkbox"/> Granted</p> <p><input type="checkbox"/> Pending</p> <p><input type="checkbox"/> Not Applied For</p> <p><input type="checkbox"/> Not Required</p> <p><i>Where the Foreshore Licence has been granted, please include a copy with this application.</i></p>

PART IV – DISCHARGE TO SURFACE WATER

B. (ii) Receiving Water Details - Discharge to Transitional / Coastal Water

PART IV – Section 2 B is to be completed where the application pertains to a discharge to coastal or transitional waters i.e. estuaries / marine waters.

Receiving water background chemical data.	Parameter	Result (mean)
	Chlorophyll a µg/l	
	Transparency Secchi depth	
	Salinity psu	
	Temperature °C	
	Dissolved Oxygen % saturation	
	Dissolved Inorganic Nitrogen mg/l N	
	Un-ionised Ammonia as mg/l N	
	Orthophosphate as mg/l P	
	Total Phosphorus as mg/l P	
	Nitrite as mg/l N	
	Nitrate as mg/l N	
	Total Nitrogen mg/l N	
	BOD ₅ mg/l (Transitional Waterbody)	

Refer to “Guidance on Applying for a Discharge Licence” for guidance on reporting monitoring data and on sampling.

PART IV – Section 3

A. Impact of Discharge - Discharge to Inland Surface Waters	
PART IV – Section 3 A is to be completed where the application pertains to a discharge to Inland Surface Waters.	
<p>Have any of the following assessments been carried out in terms of your proposed discharge / receiving waters?</p>	<p><input type="checkbox"/> Toxicity Testing</p> <p><input type="checkbox"/> Bioaccumulation Testing</p> <p><input type="checkbox"/> Biodegradation Testing</p> <p><input type="checkbox"/> Aquatic / Fisheries Study</p> <p><input type="checkbox"/> Modeling of Mixing Zone</p> <p><input type="checkbox"/> Other _____ (please specify)</p> <p><i>If 'Yes' please submit a copy of the report with this application.</i></p>
B. Impact of Discharge - Discharge to Transitional / Coastal Waters	
PART IV – Section 3 B is to be completed where the application pertains to a discharge to Transitional / Coastal Waters.	
<p>Have any of the following assessments been carried out in terms of your proposed discharge / receiving waters?</p>	<p><input type="checkbox"/> Toxicity Testing</p> <p><input type="checkbox"/> Bioaccumulation Testing</p> <p><input type="checkbox"/> Biodegradation Testing</p> <p><input type="checkbox"/> Aquatic / Fisheries Study</p> <p><input type="checkbox"/> Dispersion Modeling</p> <p><input type="checkbox"/> Other _____ (please specify)</p> <p><i>If 'Yes' please submit a copy of the report with this application.</i></p>
Effluent Dispersion	<p>Provide details for proposals for the dispersion of effluent.</p> <p><i>Provide additional sheets where necessary.</i></p>

PART IV – Section 4

Checklist for Applicant when applying for a licence to discharge to Water	
Details to be Submitted	Tick Box where included
1. Fully completed, signed and dated application form (One original plus 3 copies)	
2. Name & address of Applicant & Agent	
3. Has the type of discharge been identified i.e. new or existing / domestic or trade?	
4. Has location of discharge been identified	
5. Newspaper Notice (One original plus 3 copies)	
6. Application fee	
7. Site location map at scale 1:50,000	
8. Site layout map at scale of 1:2500	
9. Drainage system drawings at scale no greater than 1:2500	
10. Description of process giving rise to trade effluent	
11. Description of the proposed method of effluent treatment (including measures for the control of FOG where appropriate)	
12. Treatment system process drawings	
13. Outfall details and drawings	
14. Treatment system operation & maintenance details	
15. Effluent quality, discharge volume and flow details	
16. Receiving water quality assessment (physico-chemical & biological) and flow calculations	
17. Assessment of the impact of the discharge on the receiving water - Assimilative capacity calculations - Details of designated areas (including designation of waters) - Details of sensitivity of waters	
18. Proposals for dealing with sludge (where relevant)	
19. Emergency procedures in case of plant breakdown or pollution incident (including details of storage facilities onsite).	
20. Has one original plus 3 copies of the application form and all associated documentation been included?	

Please include any additional information which you deem to be pertinent to the application / discharge.

APPENDICES

Appendix B - 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

APPENDICES

Appendix C - Characteristics of Trade and/or Domestic Effluent

The following list of parameters is indicative only. Additional physical, chemical or other characteristics as are pertinent to the effluent in question should also be identified.

Complete for all applicable sections, giving concentration ranges where available.

Emission Point co-ordinates (One table per emission point):

Parameter <i>Concentrations in mg/l unless otherwise stated</i>		Prior to Treatment (if any)			As discharged			% Removal
		Max. Hourly	Max. Daily	Mg/l	Max. Hourly	Max. Daily	Mg/l	
Characteristic <i>Note:</i> <i>Section A = to be completed where discharging domestic effluent only</i> <i>Section A-E = to be completed where discharging a trade effluent.</i>								
A	Temperature °C							
	pH							
	Biological Oxygen Demand (5 day)							
	Chemical Oxygen Demand							
	Suspended Solids							
	Total Ammonia (as N)							
	Nitrate (as N)							
	Total Phosphorus (as P)							
	Conductivity							
	Molybdate Reactive Phosphorus (MRP)							
	Oils, Fats and Greases							
	Sulphates (as SO ₄)							
	Chlorides (as Cl)							
	Phenols (as C ₆ H ₅ OH)							
Detergents (as Lauryl Sulphate)								
Faecal Coliforms CFU								

APPENDICES

B	Metals µg/l							
	Arsenic							
	Chromium							
	Copper							
	Cyanide							
	Fluoride							
	Lead							
	Nickel							
	Zinc							
	Other (<i>please specify</i>)							
C	Pesticides & Solvents:							
	Atrazine							
	Dichloromethane µg/l							
	Simazine µg/l							
	Toluene µg/l							
	Xylenes µg/l							
D	Organohalogen Compounds (Specify)							
	Organophosphorus Compounds (Specify)							
	Organotin Compounds (Specify)							
	Mineral Oils or Hydrocarbons of petroleum origin							
	Other toxic substances (Specify)							
	Colour (degrees hazen)							

APPENDICES

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

APPENDICES

Appendix D - Dangerous Substances

Are any of the following chemicals used in the process or stored on the premises	<i>Yes/No</i>	<i>Are residual chemical process materials or chemical tailings from a process recovered or discharged?</i>
EDC (1, 2 dichloroethane (C₂H₄Cl₂))		
TRI trichloroethylene (C₂HC1₃);		
PER perchloroethylene (C₂ C1₄);		
TCB trichlorobenzene		
Carbon tetrachloride, DDT and pentachlorophenol		
Aldrin, dieldrin, isodrin, HCB (hexachlorobenzene), HCBD (hexachlorobutadiene) and CHCl₃ (chloroform)		
Cadmium		
>100 kg of raw asbestos		
Atrazine		
Dichloromethane		
Simazine		
Toluene		
Tributyltin		
Xylenes		
Arsenic		
Chromium		
Copper		
Cyanide		
Fluoride		
Lead		
Nickel		
Zinc		

THIS SECTION OF THE APPLICATION FORM IS FOR LICENSING AUTHORITY OFFICE USE ONLY

A. Checklist - Application for a licence to discharge to Water	
Details to be Submitted	Tick Box
1. Has the newspaper notice been published two weeks before making the application	
2. Has the newspaper notice been published in a newspaper circulating in the area	
3. Does the newspaper notice contain all the required information (as detailed in S.I. No. 108 of 1978)	
4. Is one original and three copies of the newspaper notice included	
5. Has a fully completed, signed and dated original copy of the application form plus three copies been submitted	
6. Has the application fee (€380) been submitted	
7. Is the name & address of the Applicant & Agent included	
8. Is the address of facility from which it is proposed to discharge included	
9. In the case of an application submitted by a company, has a certificate of incorporation been included?	
10. Where appropriate, does the licence application include a statement that the application relates to an existing discharge	
11. Have four copies of the site location map at scale 1:50,000 been submitted showing <ul style="list-style-type: none"> - The boundary of the premises from which it proposed to discharge - The point of discharge(s) to waters - The name of the receiving waters - The name of the Townland in which the discharge occurs 	
12. Have four copies of the site layout map at scale of 1:2500 been submitted showing <ul style="list-style-type: none"> - The site boundary - The extent of the development, showing building locations and any underground construction - The location and layout of the treatment system - The location of the outfall 	
13. Have four copies of the drainage system drawings been submitted showing <ul style="list-style-type: none"> - Existing and new foul and storm drainage showing manhole locations and indicating whether gravity or rising mains - The location of the treatment system - Pipe diameters and levels - Volumes of storage tanks - Location of discharge point 	
14. Have four copies of the treatment system process drawings including outfall details been submitted	
15. Has a description of the treatment process been included	
16. Are details of the effluent composition and volume included	
17. Are quality and flow data of the receiving water included	
18. Has an assessment of the impact of the discharge on the receiving water been included	

For Licensing Authority use only	Date Received:	Reference Number:
----------------------------------	----------------	-------------------

