

<p>2 b) The property is served by: Tick the appropriate box</p>	<p>A septic tank/soakaway <input type="checkbox"/></p> <p>A sewage treatment plant <input type="checkbox"/></p> <p>Other <input checked="" type="checkbox"/></p> <p>If other, please give details:-</p> <p>Soakaway (surface water)</p>
<p>2 c) The discharge will be to: Tick one or more boxes as appropriate.</p>	<p>A soakaway/land drain <input checked="" type="checkbox"/></p> <p>A watercourse <input type="checkbox"/></p> <p>The sea <input type="checkbox"/></p> <p>A pond or lake <input type="checkbox"/></p> <p>Groundwater <input type="checkbox"/></p> <p>Other <input type="checkbox"/></p> <p>If other, please specify:-</p>
<p>3 State the nature of the Discharge. Tick one or more boxes as appropriate.</p>	<p>Sewage effluent <input type="checkbox"/></p> <p>Storm/emergency sewage effluent <input checked="" type="checkbox"/></p> <p>Any other substance <input type="checkbox"/></p> <p>If any other substance, please give details:</p>
<p>4 For sewage and storm/emergency discharges state:</p> <p>a) Maximum quantity it is proposed to discharge in one day (see Note 5)</p> <p>b) Highest rate at which it is proposed the discharge</p>	<p>a) Discharge is surface water run-off and is therefore rainfall dependent.</p> <p>Annual average discharge = 3465m³*</p> <p>Avg. max monthly discharge = 447m³*</p> <p>Avg. min monthly discharge = 180m³*</p> <p>*Based on average annual rainfall of 866mm pa (ref Met Office)</p> <p>b) 56l/sec**</p>

will be made (see Note 5)	<i>**Based on max rainfall intensity of 50mm/hr</i>
5 Please give details of the premises – tick as appropriate	<p>Single dwelling <input type="checkbox"/></p> <p>Multiple dwelling <input type="checkbox"/></p> <p>Other <input checked="" type="checkbox"/> x If other, please give further details</p> <p>Waste Metals Recycling Facility</p>
6 If the answer to 5 is multiple dwelling, state number and type of dwelling units (flats, houses) connected to the septic tank/soakaway or treatment plant	N/A
7 If the discharge is to a soakaway or land drain, how far away (in metres) is : a) The nearest well or borehole b) The nearest other foul soakaway c) The nearest watercourse	<p>N/A</p> <p>N/A</p> <p>100m min to coastal waters</p>
8 Will surface water be discharged separately from sewage effluent?	Yes/No
9 Will the septic tank/soakaway or plant be maintained to ensure effective treatment?	Yes/No
10 If the answer to 9 is Yes, state how often the septic	The soakaway will be inspected annually as part of the facility

tank/soakaway or plant will be inspected and maintained	maintenance routine. This is the agreed responsibility of DFI.
11 Will the soakaway discharge its effluent below ground at all times?	Yes/No
12 State the maximum and minimum number of people using the septic tank/soakaway or treatment plant	Maximum <i>N/A</i> Minimum <i>N/A</i>
13 If the discharge is to a treatment plant, give brief details of the plant (See Note 6)	<i>N/A</i>
14 Is there a foul sewer available to which the discharge could be made? If yes, give reason for not connecting:	No, there is a foul sewer nearby, but it has insufficient capacity to receive the surface water flow from the site. The discharge from the site is surface water; discharge of surface water to the foul sewer and treatment works is prohibited.

PART A

Declaration

I declare that the above details are true to the best of my knowledge and belief (See Note 11)

Signed by Applicant 

Print Name LISA ALLEN

Date: 22/08/2017

Position
(e.g. owner, occupier,
company secretary)

UK Purchasing Manager

PART B

This Part of the application should also be completed by applicants for Discharge Permits for business premises, which includes any trade, industrial, commercial or professional business, that make a discharge into controlled waters.

Note: A trade effluent includes any effluent resulting from the use of any land :-

- a) for carrying on any business; or
- b) for any educational, medical, public, recreational or scientific purpose, or for the purpose of providing any amenity,

whether the use is for profit or not.

Part 2 applications need to be accompanied by 2 copies of a plan showing in detail:-

- a) the land or premises from which the discharge is to be made, together with sufficient detail to identify its whereabouts. For rainfall dependent discharges, catchment areas should be highlighted.
- b) the discharge and sampling points clearly marked with arrows and labels as necessary.
- c) for discharges to coastal waters, details of the length of outfall and distance and depth relative to the low water mark should be supplied.

Note: Cooling water, or run-off contaminated as a result of the carrying on of a trade or industrial activity are both trade effluents (e.g. run-off from a construction site, farm yard or scrap yard is a trade effluent). Sewage effluent discharged from business premises is also a trade effluent for the purposes of this Law.

<p>1. For trade effluents, state:</p> <p>a) the maximum quantity it is proposed to discharge in one day</p> <p>b) highest rate at which it is proposed the discharge will be made</p> <p>c) time periods during which the discharge will take place (days, hours etc)</p>	<p>a) Discharge is surface water run-off and is therefore rainfall dependent.</p> <p>Annual average discharge = 3465m³*</p> <p>Avge. max monthly discharge = 447m³*</p> <p>Avge. min monthly discharge = 180m³*</p> <p>*Based on average annual rainfall of 866mm pa (ref Met Office)</p> <p>b) 56 l/sec**</p> <p>**Based on max rainfall intensity of 50mm/hr</p> <p>c) Rainfall storm time and duration dependent</p>
<p>2. State the maximum temperature of the trade effluent to be discharged</p>	<p>Ambient temperature</p>
<p>3. For trade effluents, give a detailed description of the nature of the effluent, the process from which it arises and any significant chemical components contained in the effluent (see Note 8)</p>	<p>Surface water run-off from waste metals recycling facility yard, with the potential to contain oils/hydrocarbons and metals from operational activities and storage of waste metals.</p>

<p>4. Does the effluent contain any of the substances listed in Note 8?</p> <p>If so, list those present and give full details including maximum concentrations</p>	<p>Yes</p> <p><i>Oils and hydrocarbons of petroleum origin</i></p> <p><i>Metals, suspended and dissolved from waste metals processing</i></p> <p><i>See table below extracted from table 4.3 from the attached Risk Assessment to Support Discharge to Soakaway (report ref 70019143/QRA/AG)</i></p>
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Parameter	Units	Concentration	Justification
pH	(pH units)	6-9	Standard condition
Suspended solids	(mg/l)	-	Not required due to filtering capacity of ground
Oils / grease		None visible	Standard condition – easier to regulate than 0.6mg/l
Copper (soluble)	µg/l	100	20x existing marine standard – leaves FoS of between 3.5 and 17.6 x to achieve current standard
Iron (soluble)	mg/l	10	Conservative - 10x existing marine standard
Nickel (soluble)	µg/l	300	Conservative - 10x existing marine standard
Zinc (soluble)	µg/l	400	Conservative - 10x existing marine standard
Benzene	µg/l	150	Slightly <10x existing marine standard
Anthracene	µg/l	1	50x existing marine standard – to be included with sum of 4 PAH outlined below
PAH (sum of 4)	µg/l	1	Conservative - 10x existing marine standard

PART B

Declaration

I declare that the above details are true to the best of my knowledge and belief (See Note 11)

Signed



Print Name

Lisa Allen

Date 22/08/2017

Position (Title) UK PURCHASING MANAGER

Completed Application Forms should be returned to:

**Environmental Protection
Environment Division
Howard Davis Farm
Trinity
Jersey
JE3 5JP**

Water Pollution (Jersey) Law, 2000

General Notes for Guidance of Applicants for Discharge Permits.

General

Before submitting an application form, the applicant should ensure that all the information is correct (See Note 11). Any doubt concerning the relevant information required should be discussed with Environmental Protection at the Environment Division before completing the application (Tel: 709535). Should you wish other matters to be taken into account with the application, additional sheets may be used.

1. Details of the application may need to be published in accordance with the Water Pollution (Jersey) Law, 2000. In that event, the application will be advertised in the Jersey Gazette.
2. The Minister for Planning and Environment ("The Minister") may be required to make information available for public inspection, containing details of:
 - (i) applications for Discharge Permits
 - (ii) any Permit granted and conditions imposed
 - (iii) samples of effluent taken
 - (iv) information produced by the analyses of the samples and steps taken in consequence of the information.
3. Article 41 of the Water Pollution (Jersey) Law, 2000 makes provision for The Minister to issue a Certificate of Confidentiality from the publicity and public information provisions. Application for a Certificate of Confidentiality should be made to The Minister by the person applying for the Discharge Permit. The Minister may issue such a Certificate if it is satisfied that publication of the application and disclosure of information relating to it would reveal a trade secret.
4. If the application is by:-
 - a) a **Company**, then the registered office address should be given (if correspondence should be addressed elsewhere, please indicate clearly);
 - b) a **Firm** or **Partnership**, then the full name and business address of the managing partner should be given, together with the name the firm trades under and its main address;

- c) a **Club** or **Charity**, the full name and address of the managing trustee or other responsible person should be given, together with the name and address of the person authorised to receive the Permit on its behalf.
5. The maximum quantity should be given in cubic metres per day (m³/day). For guidance, the average household will discharge approximately 1 cubic metre (220 gallons) per day. For combined sewage and storm/emergency discharges, figures for each component should be stated separately. Maximum flow rates should be given in litres per second (l/s).
6. For significant sewage treatment plants, i.e. those plants normally serving more than a population equivalent of 50 people, full details of the plant design, dry weather flow and BOD load, along with information on all discharges from the plant should be included. Flow monitoring will normally be required for such discharges and details of the siting and type of flow recorders should be provided.
7. For trade effluent discharges, full details of the type of effluent are required, along with typical analytical details and the results of any toxicity studies on the effluent. In certain circumstances, the Minister may require that specific samples be taken and tests and analysis carried out before determining an application for a Discharge Permit.
8. If any effluent contains any of the following substances, which are classified as 'High Risk Substances' in Schedule 2 of the Law, full details and maximum concentrations must be given:-
- a) heavy metals and their compounds
 - b) organohalogen compounds and substances that may form such compounds in the aquatic environment
 - c) organic compounds of phosphorus, silicon and tin
 - d) biocides, including pesticides, fungicides, herbicides, insecticides and slimicides
 - e) chemicals used, inter alia, for the preservation of wood, timber, wood pulp, cellulose, paper, hides and textiles
 - f) oils and hydrocarbons of petroleum origin
 - g) nitrogen and phosphorus compounds
 - h) radioactive substances and radioactive wastes

9. Applicants for Discharge Permits for **domestic** sewage effluents under the Transitional Provisions in the 5th Schedule of the Law (within 6 months of enactment) will not be liable for any charges which may be introduced by The Minister with respect to Discharge Permits. However, The Minister may introduce charges in relation to the discharge of sewage effluents and trade effluents from business premises and subsequently from domestic premises.
10. The Minister reserves the right to seek any further relevant information with respect to this application.
11. **Under Article 47 of the Law, if any person, in furnishing any information or making any application under or for the purposes of this Law, makes any statement which he knows to be false, he shall be guilty of an offence and liable to imprisonment for a term not exceeding two years, or to a fine, or both.**