

## Acceptance guideline 19: Medium Risk

### Overview

The purpose of this acceptance guideline is to outline under what circumstances Icon Water will permit the discharge of liquid waste into the sewerage network.

Under section 35 of the *Utilities (Technical Regulation) Act 2014*, it is an offence to discharge into the water or sewerage network any substance that is likely to interfere with the network, or form compounds that would be likely to interfere, unless the consent of the utility is obtained. Significant fines, imprisonment or both may result from an offence. Discharges entering a sewer that are in breach of the conditions set out in this guideline will probably constitute a breach of section 35 of the *Utilities (Technical Regulation) Act 2014* and may lead to prosecution of the person discharging the waste, or allowing the waste to be discharged.

This Guideline contains specific information on waste types and discharge requirements. The requirements of this Guideline are in addition to the requirements specified in *Trade waste acceptance guidelines 1: General acceptance criteria for liquid waste*.

#### The following applications must be assessed as medium risk discharge:

- where an applicant proposes an undersized grease arrestor
- where triple or double interceptor pits are used for oil/grease separation at an existing automotive or mechanical repairs related premises
- where an applicant proposes to discharge stormwater from open areas (see Acceptance Guideline 16).

It is important to note that the wastewater generated from the following areas or processes must not be discharged into the sewerage system:

- spray booth
- battery room
- above ground fuel storage
- chemical storage
- oyster processing – depuration process
- dry cleaning process

#### What is a Medium Risk activity?

Medium Risk activities are defined as:

- commercial activities listed in Table 1
- activities that exceed a flow limit of 5 kL/d or 16 kL/d for commercial food preparation activities
- more than four (4) Low risk liquid trade waste discharges from a single premises or a complex.
- the discharge volume does not exceed 20 kL/d.
- it meets the guideline limits\* and/or conditions detailed in The Table for Acceptance Criteria in Fact Sheet 1 or meets the Icon Water's acceptance limits detailed in the Trade Waste Policy.

**Table 1: Commercial activities generating medium risk discharges**

Activities
Automotive dismantler

Bus/Coach depot
Construction equipment maintenance and cleaning
Comfort Cooling Towers over 500 L/h (non-industrial)
Education Facilities (including tertiary institution (TAFE, University, etc)
Equipment hire, maintenance and cleaning
Glass cutting and grinding
Hospital
Laboratory (including autopsy, dental, photographic, tertiary institutions)
Medical centre (with X-Ray)
Optical services at medical or educational facilities and workshops
Oyster processing – shucking
Panel beating
Photographic (including waterwash minilab, graphic arts and X-ray (non-digital))
Radiator repair
Screen printing
Shopping complex
Service station covered forecourt
Vehicle washing (high volume, e.g. drive through car wash, self-service car wash and/or including the discharge from the covered forecourt or refueling bay).
More than four (4) Low Risk discharges from a single premises or a complex.

### **Information the applicant needs to supply**

An applicant who wishes to discharge Medium Risk liquid trade waste to the sewerage system must submit a liquid trade waste application to the Icon Water providing all necessary information.

### **Information Icon Water must be provided**

As a minimum, the Applicant should provide the following information.

- signed application form (signature of the owner or a person who has the consent of the owner)
  - drainage diagrams and plans of the site
  - type of process/activity generating the liquid trade waste
  - chemicals to be used – supply SDS
  - quantity and rate of discharge
  - likely substances in waste streams intended for discharge to sewerage system
  - details of the proposed pre-treatment equipment including other instrumentation requirements – flow meter etc
  - maintenance schedule for pre-treatment equipment, including all pits, tanks, pumps, etc./details of maintenance personnel
  - expected quality after pre-treatment – sample data, guaranteed by equipment supplier or recommended by consultant
  - measures for prevention of stormwater ingress to the sewerage system
  - chemical handling and storage facilities, where necessary
  - waste disposal management (other than to sewer)
  - applicant's contact details.
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## **Further information**

Additional information about the discharge of liquid waste into Icon Water's sewerage network is available at [iconwater.com.au/tradewaste](http://iconwater.com.au/tradewaste) or by contacting us on **02 6248 3111** or via email on [talktous@iconwater.com.au](mailto:talktous@iconwater.com.au).