

HEALTH ACT 1911
HEALTH (TREATMENT OF SEWAGE AND DISPOSAL OF EFFLUENT AND LIQUID WASTE) REGULATIONS
1974
CITY OF COCKBURN HEALTH LOCAL LAWS 2000
ENVIRONMENTAL PROTECTION ACT 1986 UNAUTHORISED DISCHARGE REGULATIONS 2004



APPLICATION TO CONSTRUCT OR INSTALL AN APPARATUS FOR THE DISPOSAL OF TREATED LIQUID WASTE DISCHARGE

THE APPLICANT MUST COMPLETE IN FULL SECTIONS 1-6.

1. APPLICATION DETAILS

See information for applicants page 3 (Please tick as appropriate)

- Application to local government
- Manufacturer specifications of oil separator
- For retrospective approvals a copy of a recent NATA accredited analytical report detailing quality of treated waste water
- 2 copies of plans (showing all details outlined in section 10. Information for applicants)

2. LOCATION OF INSTALLATION

Street/ Lot No _____ Suburb _____

Unit No _____ Zoned _____

Note: Applicants are advised that the discharge of any treated waste water via soakwell or leach drain will not be permitted within the Resource Zone

3. OWNER/ APPLICANT DETAILS

Owners Name _____

Plumbers/ Installers Name _____ Lic# _____

Applicants Name _____

Applicants Address _____

Phone No _____ Mobile _____

Note: The approved application will be returned to the applicant only

4. PREMISES DETAILS

Premises description (Please tick as appropriate)

- New Existing Commercial Industrial Other please
specify _____

Expected daily waste water volume (estimate litres per day) _____

Business name _____ Business type _____

Description of the trade waste (hydrocarbons, coolant etc) _____

Size/ type of equipment being washed _____

Size of washdown pad (if greater than 20 metres squared it is required to be covered) _____

5. SYSTEM DETAILS

(Please tick as appropriate)

Type of apparatus Oil Separator Other please specify_____

Disposal System Soakwell Leach drain Other please specify_____

6. DECLARATION AND SIGNATURE OF APPLICANT

I hereby apply as the owner, or the authorised person to act on behalf of the owner, for approval to construct or install the apparatus as referred to above. I have attached_____ copies of a site plan, (see information for applicants section for requirements of plans) showing the location of the apparatus and all the relevant dimensions and site detail, including distances from boundaries and water supplies/ source.

Applicants signature_____ Date_____

Please print name_____

LOCAL GOVERNMENT OFFICE USE ONLY

7. SITE CONDITIONS

(Please tick as appropriate)

Nature of soil

Sand Gravel Loam Clay Other please specify_____

Depth from natural ground level to highest known permanent/ seasonal or tidal water table_____

Distance from natural water bodies_____

Will the apparatus be installed in any of the following locations:

Within 30 m of a well, bore, watercourse, dam intended to be used for human consumption Yes No

In an area likely to be subject to flooding or inundation in a 1: 100 year return event Yes No

If yes to any of the above, course of action taken_____

8. CONDITIONS OF APPROVAL

Standard Conditions

- All installed waste water treatment systems will be required to have a sample of the waste water analysed by a NATA accredited laboratory 3 months after installation, to ensure system is complying with discharge standards.

Other conditions

Refer to the conditions of approval attached to the approved plans

9. APPROVAL

- Approved (subject to conditions and receipt of fee)
- Refused (reasons for refusal below)

Delegate of local government _____ Date _____

Receipt No _____ Approval No _____ Fee received Yes No

10. INFORMATION FOR APPLICANTS

Application to local government must be accompanied by:

- Section 1-6 of above form completed
- Manufactures specifications of oil separator
- For retrospective approvals a copy of a recent NATA accredited analytical report detailing quality of treated waste water
- 2 copies of site plans as detailed below
- Fee

Drawings

Site plans should be drawn to a scale of 1:100, and be labelled with all dimensions and include the following detail:

- Location of the apparatus and all drains and pipe work.
- Distance of the apparatus from all buildings, boundaries, bores, waterways and water bodies.
- Distance of all receptacles for drainage from trafficable areas.

Waste Water Quality

Discharge criteria: The following waste water quality criteria are drawn from the "Indicative Wastewater Discharge Criteria", Table 1, Mechanical Equipment Washdown – WQPN68 Department of Water. In all cases, applicants will be required to satisfy the City that these criteria can be achieved before approval to discharge on site will be issued.

- **PH:** In the range of 5.5 to 8.5
- **Salinity:** Measured as electrical conductivity less than 1800 uS/cm
- **Surfactants:** Should not exceed 5mg/L
- **Total Petroleum Hydrocarbons:** Should not exceed 15 mg/L
- **Benzene, toluene, ethyl benzene & xylene:** Should not exceed 10 µg/L (cumulative maximum)
- **Toxic soluble contaminants (heavy metals - Arsenic, Mercury, Cadmium, Lead, Chromium, Zinc, Nickel & Copper)** should not exceed ten times the guideline criteria or investigation trigger for local water values as published in the *Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000*

Testing

- General maintenance and, inspections on the system should be performed weekly.
- The waste water system mechanical operating performance should be tested quarterly.
- All inspection results, start up analytical data etc should be recorded in a log book, and data kept for 2 years.
- Where required by regulatory authorities, the site operator should take representative samples at least 6 monthly and sent for laboratory analysis. The analysis shall be compared to the discharge water quality guidelines stated above (Indicative Wastewater Discharge Criteria, Table 1, Mechanical Equipment Washdown – WQPN68 Department of Water 2006).

11. WORK NOT TO COMMENCE

The applicant will be notified in writing of the outcome of this application

Note: Please note that to start work on the construction or installation of an apparatus without approval is an offence under section 107(2) of the *Health Act 1911*.

12. PERMIT TO USE APPARUTUS

When you have obtained approval, you may proceed with the construction or installation of the apparatus. Before covering the installation, notify an Environmental Health Officer from the local government so that they may inspect the apparatus and issue a permit to use the apparatus. Apparatus must be full and holding clean water for 24 hours prior to inspection.

13. COMPLIANCE WITH REGULATIONS

- Construction of the apparatus shall be in accordance with the requirements of the Health (*Treatment of Sewage and Disposal of Effluent and Liquid Waste Regulations 1974*) and City of Cockburn Guidelines for Liquid Waste Discharge and Mechanical Washdown Bays.
- All Materials, pipes, bends, junctions, fittings and fixtures shall be sound and free from defects and shall be authorised and installed in accordance with the by laws of the Water Corporation.
- Approval will not be given for the installation of an apparatus where sewer connection is available as provided for by either section 72 or section 81 of the *Health Act 1911*.

14. FEE

All fees should be made payable to the local government for the district in which the apparatus will be installed.

The following fees will apply (17-18 financial year)

- Local government application fee: \$118.00
- Fee for the grant of a permit to use an apparatus (including inspections): \$118.00
- Total: \$236.00