

# AIRCRAFT AND EQUIPMENT WASHDOWN POLICY

**Wash water is a trade/industrial waste and therefore must not be discharged to the environment without appropriate approved treatment and management systems in place. Wash water management will be consistent with the current approved Jandakot Airport Master Plan.**

If a sewer connection **IS** provided to the leased site, all wash water must be captured and either:

- Collected and disposed of by a licensed liquid waste management contractor; or
- Treated and discharged to sewer with a Trade Waste Permit obtained from the Water Corporation.

If a sewer connection **IS NOT** provided to the leased site, all wash water must be captured and either:

- Collected and disposed of by a licensed liquid waste management contractor; or
- If approved by JAH (see below), treated and discharged on site and documented within an endorsed Operational Environmental Management Plan (OEMP), including inspection, maintenance, monitoring and reporting requirements.

## **Aircraft Washing**

All aircraft washing methods that result in a waste wash water must occur within a purpose built aircraft wash facility with an approved oily water separator installed.

### Jandakot Airport Wash Bays

All aviation tenants and aircraft owners / operators may use the two Jandakot Airport Holdings (JAH) Aircraft wash bays for aircraft washing. This facility is provided free of charge.

An approved quick break, biodegradable detergent is supplied at the wash bays. Products not certified as quick break and biodegradable may result soil and / or groundwater contamination and are not permitted to be used. Written approval from JAH must be obtained for any other detergents used in the JAH wash bays.

### Tenant Wash Bays

Tenants with their own wash facilities and separators (including previously-approved humeceptors) must ensure they are operated, inspected, and maintained according to the manufacturer's specifications and, if applicable, the Trade Waste Permit's conditions of approval.

Where a connection to sewer is not available, on-site discharge of aircraft wash water *may* be permitted for new and existing developments provided:

- Written justification is provided by the tenant (including a risk assessment).
- The washing facility, including approved treatment/separator system, is approved via a Development Application and/or a Building Permit.
- The activity is detailed in a JAH endorsed OEMP.

Tenants in Precinct 3 (aviation) that installed approved aircraft wash bays prior to sewer connection becoming available may continue to operate their wash bays (as detailed in a JAH-endorsed OEMP) until 2024, by which time a diversion to sewer should be installed or a written exemption obtained from JAH to continue discharging on site.

### Exemptions

Written approval from JAH must be obtained for any aircraft washing that cannot occur in a purpose built wash facility, and where the wash water cannot be contained and prevented from entering the environment (including via stormwater drains and unsealed ground).

### **Equipment and Vehicle Washing\***

All washing of equipment, including vehicles, plant, and machinery, must also occur within a purpose built wash bay. Written approval must be obtained from JAH if waste wash water cannot be fully contained and disposed of off-site via sewer or licensed waste contractor.

This policy does not apply to parts washers that use concentrated solvent baths. Parts washers and their cleaning solvents must be stored and managed consistent with the Jandakot Airport [Dangerous Goods and Hazardous Materials Policy](#).

### **Understanding Quick Break Detergents**

Quick Break detergents and degreaser lift dirt and oily residue from aircraft and vehicles, then quickly release oil particles so that the wastewater stream does not become an emulsion. Detergents without quick break properties potentially allow oil-contaminated wash water to pass through the wash bay's separator. This can result in contamination of the waste water discharge location and may be a breach of a Trade Waste Permit's conditions of approval. A detergent's quick break properties are usually specified on the manufacturer's product information sheet.

\*Dieback management requirements for clearing, earthmoving and some construction activities may require vehicle/plant/equipment washing methods to differ from the methods detailed in this Policy. In such instances, vehicle/plant/equipment washing methods are to be detailed within an approved Construction EMP or project-specific Dieback Management Plan, as detailed within the Jandakot Airport Dieback Management Plan.