

# Liquid hauled waste

## Discharging non-domestic liquid hauled waste

A business or organisation producing a non-domestic wastewater (i.e. used water not falling within any category of domestic used water) that is not connected to, or not acceptable for discharge to our sewerage network may apply directly to us for an authorisation to discharge non-domestic hauled waste.

A wastewater discharge of this type generally involves both the:

- wastewater generator; and
- an authorised liquid waste hauler.

Each stakeholder has certain responsibilities relating to the correct disposal of this wastewater.

### Wastewater generator responsibilities

The business or organisation that wishes to dispose of the wastewater must first apply to our Trade Waste team for a non-domestic liquid hauled waste authorisation.

To gain authorisation, the wastewater generator must lodge a *non-domestic liquid hauled waste application form* and pay the application fee. Once the form has been lodged the hauled waste officer will assess whether the particular wastewater is suitable to be accepted while posing no risk to our staff or treatment plant. Part of the assessment will require NATA-endorsed sample results. Test requirements will vary depending on the type of non-domestic waste being discharged.

We aim to provide an authorisation within ten working days of receiving the application fee or a complete set of NATA-endorsed sample results, whichever is the latter. If the application has incomplete information, it may take longer to process.

The authorisation will contain all the conditions that must be met in the process of disposing of this particular liquid waste.

Once authorisation has been granted for the ongoing discharge of this wastewater stream, the waste generator may lodge a batch discharge notification form at any time to the trade waste group for each batch of that specific waste stream. The batch notification form must be lodged a minimum of twenty four hours prior to the proposed discharge time. Our Hauled Waste Officer will assess the discharge request and will inform you if there are any particular requirements or if any further sampling is required.

Following approval to discharge, the waste generator may then organise an authorised liquid waste hauler to transport the batch to one of our Septic Waste Disposal Stations (SWDS).

You will be responsible for ensuring:

- the batch of liquid waste removed is consistent with the batch notification form
- the batch pH falls within the limits 6.0 – 10.0 pH units. Failure to meet this requirement will mean the batch will not be accepted by our SWDS system and will require further pH adjustment
- the liquid waste hauler delivers the batch to the specified SWDS
- a single use tamper proof seal provided by SA Water is attached to the tanker discharge point cam-lock cap. The seal number should be recorded on the batch notification form
- a non-domestic liquid hauled waste chain of custody form is complete and passed on to the hauler.

The hauler may then deliver the batch of waste to the designated SWDS.

Please refer to the short instructional Discharge of Non-domestic Liquid Hauled Waste procedure below for a step by step approach to the process along with the process flowchart.

### **Authorised liquid waste hauler responsibilities**

The liquid waste hauler is responsible for transporting the batch of liquid waste to the designated SWDS, discharging it to the wastewater treatment plant and finalising the paperwork. All this should be done in accordance with the conditions in both the waste generators authorisation and the liquid waste haulers authorisation.

Key responsibilities are:

- liaise with Hauled Waste Officer to allow arrangements for officer presence/ sampling to be made
- ensure tamper proof seal is fitted to truck once the batch has been loaded
- ensure you receive a correctly filled out *chain of custody form* from the waste generator
- transport the batch directly to the SWDS identified for discharge
- discharge batch (in presence of Hauled Waste Officer if requested)
- complete *chain of custody form* and leave in post box along with the broken tamper proof seal or give them directly to Hauled Waste Officer.

The Hauled Waste Officer will inform you if they choose to be present at the discharge and whether a confirmation sample will be taken prior to discharge. You must follow the direction of the Hauled Waste Officer at all times.

## Charges and administration

Fees and charges cover the costs of assessing applications and accepting the waste at the non-domestic liquid hauled waste pricing. Details of the hauled waste fees and charges are on our website.

The quality of non-domestic liquid wastes varies from one batch to the next. We will bill the customer generating this wastewater per batch, based on the laboratory analysis of contaminant concentrations and batch volume. We also bill customers for sampling, labour and analysis costs per batch at its standard rates.

The waste hauler recovers only the cost of providing the collection, transport and delivery service from that customer.

## Discharge of non-domestic liquid hauled waste procedure

This procedure relates to the disposal of non-domestic hauled waste at metro and regional approved Wastewater Treatment Plants (WWTP's)

### Compliance

Compliance with standards of acceptance and approval from SA Water for discharge into the WWTP

### Competencies:

- understanding of the process of disposal of non-domestic liquid waste
- ability to follow set procedure to ensure occupation health and safety protocols are met
- ability to ensure the protection of WWTP and the environment by following occupational health and safety protocols

#	Process Step	Responsible
1.	<b>The process begins each time non-domestic liquid hauled waste is to be discharged.</b> This process relates only to requests to discharge batches of non-domestic liquid hauled waste by a customer.	Waste generator
2.	<b>Non-domestic liquid hauled waste authorisation from SA Water</b> We will only accept batches of non-domestic hauled waste from customers who have a valid authorisation. We will not accept unauthorised batches of non-domestic liquid hauled waste, even if they meet our acceptable quality criteria.	Waste generator

<p><b>3. Apply for a non-domestic liquid hauled waste authorisation from SA Water if none exists</b>  The waste generator must contact us, complete an application form and pay the application fee to obtain a non-domestic hauled waste permit from us.</p>	Waste generator/ hauled waste officer
<p><b>4. Authorised discharger to complete a batch treatment waste notification form</b>  The non-domestic hauled waste generator completes and forwards a non-domestic hauled waste batch notification form to us, no less than one business day prior to the intended waste haulage/discharge. This form is available on our website.</p>	Waste generator
<p><b>5. Non-domestic hauled waste assessed by SA Water</b>  We assess the discharge request. If acceptable, discharge will be approved and hauled waste officer will specify any particular requirements. The generator uses alternative disposal methods for unacceptable wastewater batches, or treats the batch to achieve acceptable quality.</p>	Hauled Waste Officer
<p><b>6. Organise a liquid waste hauler to collect the waste</b>  The generator engages a liquid waste hauler to collect and discharge the liquid waste at the appropriate WWTP. Only liquid waste haulers currently holding a liquid waste hauler authorisation are authorised to discharge liquid waste in this way.</p>	Waste generator
<p><b>7. Liaise with our Hauled Waste Officer once hauler has been arranged</b>  The liquid waste hauler contacts the Hauled Waste Officer, to advice on the discharge time/day at the designated location, so that the hauled waste officer may choose to be present and/or take a sample when the batch is discharged.</p>	Liquid waste hauler
<p><b>8. Waste is collected by the liquid waste hauler</b>  The liquid waste hauler collects the designated liquid waste from the generator at the pre-arranged time.</p>	Liquid waste hauler/ waste generator

**9. Tamper-proof seal is to be attached to the truck**

Waste generator

Once the batch is transferred to the liquid hauler's truck, the generator attaches a single-use tamper-proof seal across the cam-lock cap lug holes', ensuring it is pulled tight (Figure 1). This secures the load, as removing the cap would break the seal. Each tamper-proof seal has a unique code number on the tag.



Figure 1: A tamper proof seal attached to the cam-lock cap of a trucks outlet

**10. A non-domestic liquid hauled waste chain of custody form to be filled out**

Waste generator/  
liquid waste hauler

The generator fills out the appropriate sections on the chain of custody form (Figure 2). The following information is required:

- Company generating hauled waste
- Company disposing of liquid waste
- Receiving SWDS
- Date/time collected
- Date/time discharged at station
- ID of tamper-proof seal
- Batch Volume
- Water quality analysis (pH & TDS)
- Signatures of each party

**Non-domestic liquid hauled waste**

Non-domestic/high strength organic waste liquid hauled waste chain of custody

Company generating hauled waste: \_\_\_\_\_ Date: \_\_\_\_\_

Company transporting hauled waste: \_\_\_\_\_ Time: \_\_\_\_\_ am/pm

Receiving septic waste disposal station: \_\_\_\_\_

Is a sample taken for analysis? Yes / No please circle one

Tamper-proof seal number	Vehicle registration	Batch volume in kL

Comments

Generator's signature: \_\_\_\_\_

Hauler's signature: \_\_\_\_\_

SA Water officer's signature (if present): \_\_\_\_\_

Time discharged: \_\_\_\_\_ am/pm



Figure 2: Non-domestic liquid hauled waste Chain of Custody form

**11. Hauled Waste Officer removes the tamper-proof seal**

Usually, the Hauled Waste Officer meets the liquid waste hauler when discharge from a non-domestic liquid waste generator occurs. The Hauled Waste Officer cuts and removes the tamper-proof seal from the truck and may collect a check sample to verify quality before discharge commences. If the hauled waste officer is not present, the truck driver removes the tamper-proof seal and discharges the load.

Hauled waste officer/  
liquid waste hauler

**12. Discharge batch of non-domestic liquid hauled waste**

Liquid waste hauler discharges batch as described in the *Liquid waste hauler procedure for metro septic waste disposal stations* which can be found in the *Discharging domestic hauled waste guideline*.

Liquid waste hauler

**13. Complete the non-domestic liquid hauled waste chain of custody form**

The liquid waste hauler completes the remaining sections on the non-domestic liquid hauled waste chain of custody form including signature and vehicle registration. If the hauled waste officer is not present, the hauler leaves the tamper-proof seal and chain of custody form in the records box provided at the SWDS.

Liquid waste hauler/  
Hauled Waste Officer

