

## Batch treatment

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The limitations of 'fail safe' monitors and difficulties in checking every treated batch means this form of disposal is not allowed in all situations. Our responsibility must always be the protection of our workers, the sewerage system and the environment. Therefore, permitting batch pre-treatment of used waters before discharge to sewer will be considered on a case by case basis. Permission will be revoked if discharges are identified to be outside Restricted used water Acceptance Standards.

Batch treatment describes the process of rendering a discrete volume of used water acceptable for sewer discharge. This guideline applies to used waters that are generated and treated at the same site.

### Minimum requirements

All operators must submit a batch treatment plan for approval by our Trade Waste team.

The plan must include the following:

- The nature of the used water(s) to be treated, pollutant type and concentration, presence of any interfering agents which may inhibit treatment or analysis.
- The maximum quantity of used water which can be treated in each batch.
- The method to be used in treating pollutants.
- Appropriate checks and safeguards to ensure correct treatment/discharge quality.
- Details of the equipment to be used in the batch treatment process.
- Removal and subsequent handling of any unacceptable portion(s).
- Backflow protection measures, if mains water is to be used.
- Record keeping of batches volumes and dates.

Each batch treatment plan is limited to a particular type of used water or group of mutually treatable used waters. Operators with a variety of these will need to submit a number of batch treatment plans.

### Equipment

- All chemical containers, batch treatment tanks and equipment shall be located in a bunded compound, see the [Bunding and Blind Tanks Guideline](#).
- Where the treatment method involves separation and removal of pollutants, equipment design shall allow effective removal or isolation of these *before or during* discharge of the acceptable portion to sewer.
- Equipment must have the facility to enable a sample of final effluent to be taken for confirmation of used water quality.

## Batch treatment and discharge operation

- Batch treatment can begin once a [Trade Waste Discharge Application](#) is received and a Discharge Authorisation is issued. You must send a completed [Batch Treated Waste Notification Form](#) by email or fax **at least one business day prior to each proposed batch discharge**.
- The following records are required:
  - the type of used water treated
  - the volume treated
  - the treatment method used
  - the results from analysis of treated used water
  - the date and time of proposed discharge
- The records for each batch must be signed by the person from the company who is responsible for discharge quality and must be made available to Trade Waste Officers when requested.
- Initially, a Trade Waste Officer will test **all** treated batches to ensure compliance with acceptance standards before release. Testing will continue during this probationary period until the officer is confident that future treatment will reliably produce used water discharges of acceptable quality.
- Random testing of batches will be undertaken by Trade Waste Officers to assess ongoing compliance with discharge authorisation conditions.
- Used waters unsuitable for discharge to the sewer must be either removed from site by a licensed liquid waste contractor or re-treated on site to comply. Proof of concentrates removal, such as tracking slips, must be retained on site and presented to the Trade Waste Officer when requested.

## Fees and charges

- We will charge a compliance [audit fee](#) for attending a site to determine suitability of a batch for disposal to the sewer.
- The cost of laboratory analysis (where required) will be charged to the authorisation holder.

## More information

Mains Water Protection (AS/NZS 3500.1:2015)

[Backflow Prevention Requirements - Office of the Technical Regulator](#)