

Sampling Locations

Trade Waste must be sampled from sampling point(s)

- following all pre-treatment; and
- prior to any connection to any Domestic Waste stream; and
- prior to the Connection Point

Sampling Location

SAMPLE POINT NO.	LOCATION DESCRIPTION	NATURE OF SAMPLE	GPS COORDINATES
1			
2			

Sampling Techniques and Storage

Any sample or measurement undertaken must comply with the following:

- **Samples must be taken once a week (rotating days every week) or as otherwise directed by the Corporation.**
- The Corporation may agree to change the sampling days in a manner that assists the operation of the Customer.
- The sample must be taken and transported by a person with appropriate training and experience, in the opinion of the Corporation.
- Details relating to the collection and analysis of the sample must be retained and must be provided to the Corporation upon request.
- The Corporation may, for reasonable cause, direct new or modified reporting obligations from time to time, with which the Customer must comply.

Volume (Flow) Monitoring

- A flow meter must be specifically installed for the purposes of measuring flow (including variances) from the Premises and the Trade Waste volume must be obtained from this flow meter. The flow meter must be installed and maintained by the Customer.
- Flow monitoring must be supplied by telemetry (Category 3 & 4 Customers)
- Flow monitoring equipment must be calibrated in accordance with the manufacturer's specifications to maintain $\pm 2\%$ accuracy or at least once every 12 months, whichever is the more frequent, at the expense of the Customer.
- Calibration details must be recorded and records kept and supplied on request to the Corporation.
- Flow monitoring must occur continually and be reported as daily summaries on a monthly basis, to the Corporation with all other sampling results. The action of monthly flow monitoring and reporting must continue, irrespective of telemetric flow monitoring and flow volumes are to be submitted to results@cmwater.com.au and records@cmwater.com.au

Quality Monitoring

- Samples must be taken as flow proportional composite samples over a 24 hour period as directed by the Corporation.
- pH must be monitored continuously (real time monitoring) and must be supplied by telemetry (Category 3 & 4 Customers).

- The Corporation will request Waste characterisation of trade waste effluent during the initial Trade Waste Application and later when required at the cost of the Customer.
- Monitoring must be undertaken in accordance with the Acceptance Standards with the measure sampled or tested at the predetermined location at the frequencies listed in the Table below. The time and date of sampling must be recorded. All quality monitoring is at the expense of the Customer.
- Monitoring results must be reported to the Corporation and submitted to Cradle Mountain Water within one week of the results being received. All laboratory results and recorded pH readings must be submitted to results@cmwater.com.au and records@cmwater.com.au
- The Corporation may direct new or modified reporting obligations from time to time, with which the Customer must comply.

Corporation Sampling

- The Corporation may undertake any sampling if requested in writing by the Customer, at the Customer's cost. The Corporation may undertake its own sampling as it thinks fit.
- At its own cost for audit purposes, not more than once a calendar year.
- Where the Corporation, for reasonable cause, considers a breach of a Trade Waste Agreement has occurred and if such breach is proven to have occurred, this will be at the Customer's cost.

Reporting

- The results of the analysis must be submitted to CMW within one week of the results being received.
- All laboratory results, pH readings and flow volumes are to be submitted to:
results@cmwater.com.au and records@cmwater.com.au

Monitoring Measurements and Parameters

Substance Or Measure	Unit Of Measurement	Frequency Of Sampling
Flow	KL/day	Real Time/ Daily
Temperature	°C	Real Time/Daily
pH	pH units	Real Time/Daily
Biological Oxygen Demand	mg/L	Weekly
Fats, Oil & Grease	mg/L	Weekly
Total Suspended Solids	mg/L	Weekly
Sulphide: S ²⁻	mg/L	Weekly [#]
Sulphate: SO ₄	mg/L	Weekly
Sulphite: SO ₃	mg/L	Weekly
Thiosulphate: S ₂ O ₃	mg/L	Weekly
Total Oxidised Sulphur: Sum of Sulphur from SO ₄ , SO ₃ and S ₂ O ₃	mg/L	Weekly
Electrical Conductivity	µS/cm ²	Weekly
Sodium	mg/L	Weekly
TKN: Total Kjeldahl Nitrogen	mg/L	Weekly
Total Phosphorus	mg/L	Weekly
TN: Total Nitrogen	mg/L	Weekly [#]
Ammonia-N: NH ₃	mg/L	Weekly [#]
Chemical Oxygen Demand	mg/L	Monthly
Arsenic	µg/L	Monthly [^]
Cadmium	µg/L	Monthly [^]
Chromium (III + IV)	µg/L	Monthly [^]
Copper	µg/L	Monthly [^]
Lead	µg/L	Monthly [^]
Mercury	µg/L	Monthly [^]
Nickel	µg/L	Monthly [^]
Selenium	µg/L	Monthly [^]
Zinc	µg/L	Monthly [^]
Chloride	mg/L	Quarterly [^]
Total Dissolved Solids	mg/L	Quarterly [^]
Chemical Compounds as Identified by the Corporation: Petroleum Hydrocarbons, HCHO, PCBs, PBBs, PAHs and others.	mg/L	Quarterly/Monthly/Weekly

[#]Monthly depending on trade waste characterisation

[^]Annually depending on trade waste characterisation