

talis consultants

WASTE AUDITING

Every waste management decision works better with real data behind it. Talis provides comprehensive waste auditing services that give local governments, organisations, and facilities the clear insights they need to improve operational performance and resource recovery outcomes.

Each audit is undertaken with rigorous methodology and tailored to provide accurate, data-driven insights into the composition, contamination levels, and recovery potential of various waste streams.

OUR KEY WASTE AUDITING SERVICES

COMPOSITIONAL WASTE AUDITS

We audit general waste, recycling, and organics from kerbside, public bins, and commercial sites to assess bin performance, identify contamination, and guide waste reduction strategies.

CONTAINER DEPOSIT SCHEME (CDS) AUDITS

Talis independently audits material streams to support CDS compliance and financial reconciliation, using robust verification methodologies.

PUBLIC PLACE & FACILITY WASTE AUDITS

We audit waste and recycling bins across parks, open spaces, buildings, and high-traffic public areas to evaluate system performance, assess contamination, and identify opportunities to increase diversion from landfill.



WHY WASTE AUDITS MATTER

INSIGHTS INTO CONTAMINATION & DIVERSION RATES

Gain actionable insights into your waste streams to guide planning, enhance diversion rates, and support smarter infrastructure investment.

WASTE EDUCATION AND BEHAVIOURAL CHANGE INITIATIVES

Use audit findings to inform targeted education campaigns, helping residents understand what belongs in each bin and how to reduce contamination.

IMPROVED WASTE MANAGEMENT AND RESOURCE RECOVERY

- Inform Waste Planning, Policy, and Procurement
- Identify areas for service improvements
- Improve contract specifications for waste service providers

COST-EFFICIENCY

Identify opportunities to reduce unnecessary landfill disposal and optimise collection services, helping to lower overall waste management costs.

MEET REGULATORY COMPLIANCE & STATE WASTE TARGETS

- Classify and manage waste streams in line with environmental legislation and meet reporting requirements
- Fulfill obligations under EPA guidelines, especially for managing kerbside, commercial, construction, and illegal waste
- State governments have defined waste diversion and resource recovery target. Waste audits help councils establish baseline data for waste volumes and composition, and measure progress over time

TRANSPARENCY AND ACCOUNTABILITY

Back your decisions with reliable data to build trust with your community and provide clear evidence of performance and progress. We partner with statisticians to ensure accuracy and credibility in every audit we deliver.



WASTE AUDITING KEY PROJECTS

CLIENT: Port Macquarie-Hastings Council
PROJECT: Partial Bin Audit

Talis audited three kerbside bins (general waste, recycling, and FOGO) within the Local Government Area to assess bin fullness and waste composition before, during, and after the six-week trial, including contamination and leakage audits.



CLIENT: City of Gosnells
PROJECT: Kerbside Waste & Recyclables Audit

Talis conducted a compositional audit of residential kerbside general waste and co-mingled recycling streams from 100 households within the City to measure material composition of waste streams, average household generation rates, and the number of eligible beverage containers prescribed under the Container Deposit Scheme (CDS).



CLIENT: Botanic Gardens & Parks Authority
PROJECT: Kings Park & Bold Park Audits

Talis was engaged to conduct a compositional waste audit of general waste and recycling bins at Kings Park and Bold Park public areas, administration buildings, depots, and facilities to improve waste management and implement strategies aligned with the State Waste Strategy 2030 targets.



CLIENT: Town of Port Hedland
PROJECT: Kerbside General Waste Audit

Talis audited general kerbside waste from 100 households and 20 businesses in the Town of Port Hedland to identify recyclable components of the waste stream. The findings informed the design of a kerbside recycling contract and supported a community engagement campaign.



CLIENT: City of Bayswater
PROJECT: Bin Fullness Audit

Talis conducted a fullness audit of kerbside general waste and FOGO bins and a compositional audit of the kerbside general waste and recycling bins. The findings informed the City's evaluation of maintaining the standard 240L bin size across all waste streams versus potentially downsizing the general waste bin to 140L.

WASTE AUDITING KEY PROJECTS

CLIENT: Murdoch University
PROJECT: Waste Audit & Feasibility Study

Talis undertook a waste audit to collect robust data on the food waste stream to guide future waste planning exercises, particularly the food & organic waste treatment system. Talis also conducted a feasibility study assessment on technology options for small scale onsite treatment of this waste stream.

CLIENT: City of Kalgoorlie-Boulder
PROJECT: Kerbside Collection Audit & Survey

A review of the kerbside commingled recycling service was undertaken to identify opportunities for improving material diversion from landfill. The objectives included collecting comprehensive and representative data on the recycling stream and informing future waste planning strategies.

CLIENT: WARRRL (WA Return Recycle Renew Limited)
PROJECT: Container Deposit Scheme (CDS) Audits

Talis has been commissioned by WARRRL since 2020 as an independent sampling auditor to audit specific material types going through the Material Recovery Facilities (MRF) quarterly each year. The data obtained from the audits enables WARRRL to calculate the quarterly refund entitlements to MRFs under the CDS.

CLIENT: Shire of Esperance
PROJECT: Kerbside General Waste Audit

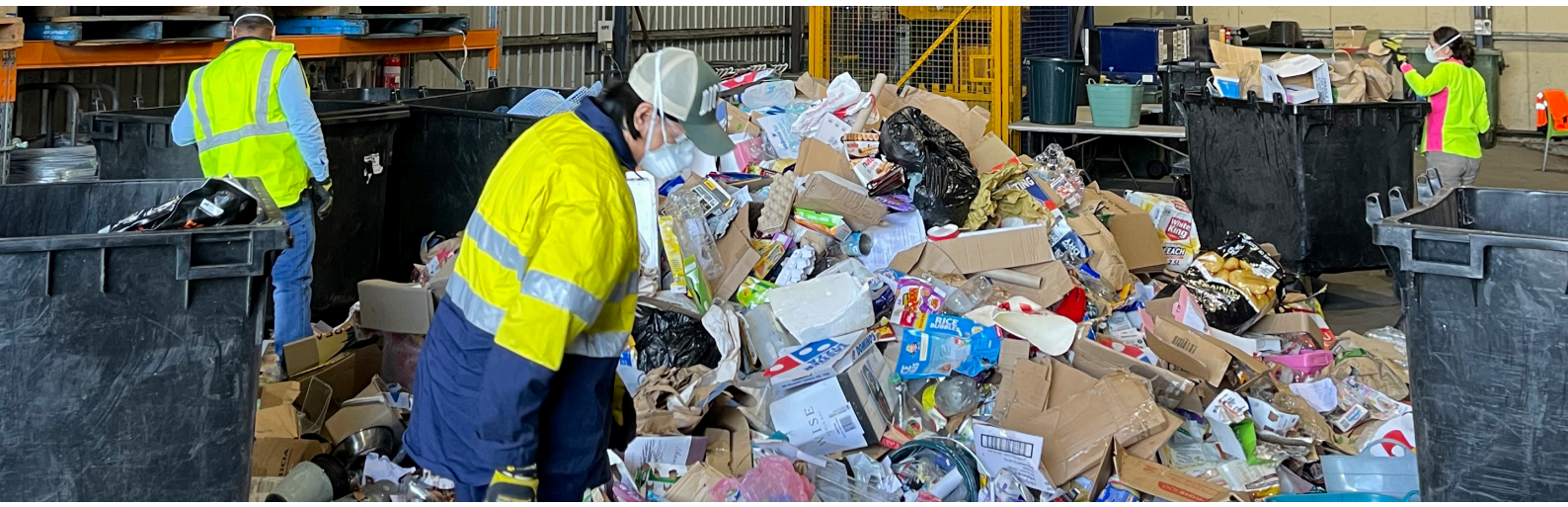
Talis conducted a waste audit of the general kerbside waste from 200 households in the Shire of Esperance to assist in determining the organic components of the waste stream. The audit results have been used to help design a kerbside organics collection and processing system.

CLIENT: DWER
PROJECT: CDS Baseline Audits

Talis conducted baseline audits of CDS (Container Deposit Scheme) eligible containers received at materials recovery facilities and council kerbside recycling collections across WA. The purpose was to establish baseline data for before and after comparisons to measure CDS effectiveness and determine container factors.

CLIENT: Edith Cowan University
PROJECT: Campus Waste Audits

Talis undertook waste audits annually from 2010 to 2016 at ECU's main campuses in Joondalup, Mount Lawley and Bunbury, focusing on key streams across faculty buildings and campus facilities. Talis generated waste audit reports which outlined ECU's ongoing waste compositional analysis compared with its Waste Strategy and landfill diversion targets.



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