

An aerial photograph of a circular path in a lush green forest. The path is paved and curves around a central area of dense trees. The text 'Tonkin + Taylor WasteMINZ 2024' is overlaid in white on the central forest area.

Tonkin + Taylor WasteMINZ 2024

Tonkin + Taylor's Waste + Resource Recovery Team are sharing their insights and expertise at the WasteMINZ conference from 27 - 30 May, 2024.

Our team of dedicated waste, contaminated land, resource recovery, and circular economy consultants, will be presenting at a range of sessions throughout the four-day conference. There is knowledge to be shared across the waste and resource industry - topics range from methane emission reductions, data insights from New Zealand's kerbside collections, to exploring what circular economies mean for our local communities.



Tuesday 28th May



Melissa Fortune
Environmental
Engineer

Methane Emissions Reduction Targets for Landfills - Are They Achievable?

Join Tonkin + Taylor's Melissa Fortune - Environmental Engineer and Jo Ferry - Principal Environmental Consultant, at their presentation on methane emission reduction targets for landfills at the Let's Get Technical session.

With almost 25 years of combined expertise, both Melissa and Jo have extensive experience with landfill gas discharges.

Their presentation explores Ministry for the Environment's goals to reduce waste-originated biogenic methane emissions, and what this could mean for landfill gas generation, and methane emissions, at a typical Class 1 landfill. The presentation will conclude with their opinion on the impacts of organic waste reduction at Class 1 landfills on overall waste related methane emissions.

Tuesday 28th May 11-12:30pm - HEAPHY 3



Jo Ferry
Principal Environmental
Consultant



Sophien Brockbank
Waste + Resource
Recovery Consultant

Equity of Service in High Density Residential Spaces

T+T's Sophien Brockbank - Waste + Resource Recovery Consultant, presents on the equity of service in high density residential spaces at the Built Environment session on Tuesday.

Sophien has worked at T+T for just over a year with experience across waste and resource recovery policy, strategy and service development.

Sophien's presentation will explore how to go about designing waste and resource recovery services for residents of high-density residential spaces. Drawing on international and national experience, Sophien will look at some key considerations for how we might achieve equitable outcomes in intensified spaces.

Tuesday 28th May 11-12:30pm - HEAPHY 1



Jonathan Shamrock
Technical Director
Landfill Engineering
+ Geosynthetics

Design Considerations for Steep Wall Liners in Landfills

Join Tonkin + Taylor's Jonathan Shamrock - Technical Director Landfill Engineering + Geosynthetics, at his presentation on design considerations for steep wall liners in landfills.

The presentation will summarise decades of experience with steep wall liner system design and construction, highlighting key aspects to be considered during design, and using constructed case studies to demonstrate alternative solutions at different landfills in New Zealand and Australia.

Tuesday 28th May 11-12:30pm - HEAPHY 3



Zoe Yandell
Waste + Recovery
Consultant

Data Insights: NZ Kerbside Collections

T+T's Zoe Yandell - Waste + Resource Recovery Consultant is presenting her Data Driven Insights into New Zealand's Kerbside collections at the Shifting the Dial with Data afternoon session.

Zoe has worked at T+T for two years with experience across waste strategy, material flow mapping and circular economy. Zoe's presentation will delve into trends in kerbside service configurations for NZ and the potential for data driven insights.

Tuesday 28th May 15:30-16:30 - HEAPHY 3

Wednesday 29th May



Chris Purchas
Sector Director -
Waste

Joined by
Valerie Bianchi
Waikato Regional
Council

Circularising Organics

Join Tonkin + Taylor's Chris Purchas - Sector Director of Waste and Valerie Bianchi - Waikato Regional Council at their presentation on Circularising Organics.

Chris has worked at T+T for eight years, he is a member of the WasteMINZ Board and specialises in resource recovery and broader infrastructure advisory in New Zealand, Australia and the Pacific.

The presentation will delve into the Circularising Organics project considering the power of collaboration within the project team as well as a combination of robust data, evaluation of options and considering outside the box thinking.

A unique feature of the work has been a project team that combines local government, community sector and science/engineering consulting perspectives to deliver insights that are useful in the real world.

Wednesday 29th May 11:00-16:30 - HEAPHY 2



Kimberley Hope
Principal Waste +
Resource Recovery
Consultant

Joined by
Graceyn Cotter
New Plymouth City
Council

Empowering Taranaki to Achieve Zero Waste

T+T's Kimberley Hope - Principal Waste + Resource Recovery Consultant and Graceyn Cotter - New Plymouth District Council are presenting insights on Empowering Taranaki to Achieve Zero Waste.

Kimberley has joined the Waste + Resource Recovery team at T+T specialising in connecting the big picture to actionable planning to deliver sustainable outcomes in the waste and resource sector.

Kimberley and Graceyn's presentation will explore their approach to co-creating a vision for Taranaki and action for zero waste and a circular economy into Waste Management and Minimisation Plans. Building on progress made to date, the focus of the project was to prioritise te ao Māori, collaboration and community empowerment through four stages of engagement.

Wednesday 29th May 13:30-15:00 - Brooklyn 1+2



TK Herrmann

Principle Waste +
Resource Recovery
Consultant

Collaboration Across the Pacific - National Waste Audits in the Cook Islands + Fiji

Join T+T's Tekao Herrmann - Principal Waste + Resource Recovery Consultant and Anna Ainsworth - Environmental Consultant for their future focused presentation on Collaboration Across the Pacific, Cook Islands + Fiji - National Waste Audits.

Tekao and Anna, with a collective experience spanning 30 years, possess a diverse set of expertise in waste and resource recovery.



Anna Ainsworth

Environmental
Consultant

Their presentation will share insights into the process of conducting national waste audits in the Pacific region, emphasising the value and significance of engaging stakeholders in collaborative efforts. The session will also encompass a SWOT analysis and impart valuable lessons learned from their practical experiences in this field, offering transferable lessons that can be applied to communities with similar characteristics in New Zealand and Australia.

Wednesday 29th May 15:30-16:30 - HEAPHY 3

Thursday 30th May



Claudia Waite
Environmental
Scientist

Joined by
Courtney Armstrong
Auckland Council

Understanding and Responding to Climate Related Impacts on Closed Landfills in the Auckland Region

Join Claudia Waite - Environmental Scientist from Tonkin + Taylor alongside Courtney Armstrong - Auckland Council on Thursday at the Te Ao O Te Manawaroa - the World of Resilience session, where they will unpack understanding and responding to climate related impacts on closed landfills in the Auckland region.

Claudia has explored a wide range of technical areas in her time at T+T, including investigation consenting and reporting on environmental effects of discharges from closed landfills, and experience in modelling landfill gas generation and undertaking gas risk assessments.

This presentation brings together the latest understanding of climate hazards for the region, and our knowledge of Auckland Council's closed landfill portfolio to develop a priority list of sites in relation to climate hazards.

Thursday 30th May 9.00-10:30 - Arena Lounge



Siân Hodgkins
Senior Environmental
Scientist

Joined by
Barton Bauzon
Principal Specialist,
Auckland Council

Building Resilience into Future Management of Legacy Landfills

Tonkin + Taylor's Siân Hodgkins - Senior Environmental Scientist and Barton Bauzon - Principal Specialist, Auckland Council are sharing their insights on building resilience into the future management of legacy landfills.

Siân has worked at T+T for over five years as a project manager specialising in the environmental effects of discharges from closed landfills and management of landfill assets. Her background is in the regeneration of contaminated land sites and re-use of soils.

Siân and Barton's presentation will delve into how climate change predictions can be used to inform the future management of infrastructure assets on closed landfills. This discussion will consider how the traditional conceptual site model can be adapted to incorporate climate scenarios and suggest processes for longer term planning of remedial work.

Thursday 30th May 9.00-10:30 - Arena Lounge