**Waste 2017 Abstract Submission**

**Using Biosolids and Green Waste for Community Benefit**

*My presentation is relevant to the following topic area(s).*

🞎 Circular economy 🞎 Overseas experiences

🞎 Collection (inc MUD’s, transient population areas) 🞎 Problem/Hazardous waste (inc asbestos, clinical &

🞎 Container Deposit Schemes medical, ocean plastics, paint, tyres etc)

🞎 Economics (inc business cases, data gathering, 🞎 Product Stewardship

monitoring performance) 🞎 Regional issues

🞎 Education (inc community engagement) 🞎 Recycling (inc CRC’s, collection)

🞎 E-Waste 🞎 Regulations and levies

🞎 Grants (outcomes and processes) 🞎 Social enterprise

🞎 Infrastructure (inc major waste grants, EfW, organics) 🞎 State based issues (eg. Fit for the Future NSW)

X Innovative projects (case studies preferred) 🞎 Technology

🞎 Landfill (inc operations, regulations) 🞎 Tenders and contracts

🞎 Litter and/or illegal dumping (inc litter initiatives) 🞎 Other X X Organics (inc collection, processing)

**Presenter information**

**Presenter name:** Emmaline Froggatt

**Presenter position:** Organics Consultant

**Presenter organisation:** National Operations Manager, Organics

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**Presenter name:** Vanessa Palmer

**Presenter position:** Waste Minimisation Coordinator

**Presenter organisation:** Queanbeyan-Palerang Regional Council

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**Biography**

Emmaline is the National Operations Manager for Organics at Resource Recovery Australia. Her career has spanned the agriculture, climate change, natural resource management and waste industries. Emmaline has a particular interest in the use of microbes for organic waste processing. She holds a Bachelor of Applied Science (Agriculture) and a Master of Agribusiness, both from Melbourne University.

Vanessa has worked with Queanbeyan City Council (recently merged and now known as Queanbeyan-Palerang Regional Council)  for 9 years  as the Waste Minimisation Coordinator.  She works closely with the waste contractors providing services to the Queanbeyan community.  With a degree in Health Education and  background in community development, Vanessa encourages the community to be involved in waste and resource management. Vanessa was involved in a comprehensive community consultation to develop a new 10 year Waste and Resource Recovery strategy for Queanbeyan; the community's desire to increase recycling and reduce waste to landfill was very evident. Vanessa is also a member of the South East Resource Recovery Group (SERRG) and works closely with its member councils to improve resource recovery and waste management across the region.

**Abstract Summary**

**Using Biosolids and Green Waste for Community Benefit**

Queanbeyan-Palerang Regional Council in association with Resource Recovery Australia has recently completed a compost trial combining biosolids and green waste. The objective of the project was to research a simple compost process, which enabled the production of a high quality product with no odour, which complied with the necessary standards for internal council use, utilising local waste product internally, reducing potential disposal costs and replace expensive imported topsoil for landscape works.

**Abstract**

**Using Biosolids and Green Waste for Community Benefit**

Queanbeyan-Palerang Regional Council in association with Resource Recovery Australia has recently completed a compost trial combining biosolids and green waste. The objective of the project was to research a simple compost process, which enabled the production of a high quality product with no odour, which complied with the necessary standards for internal council use.

Many regional and remote councils have a stockpiled amount of biosolids and green waste which could be applied to local landscapes and sports grounds as a replacement for imported top soil.

The simple process utilised fulfilled the following objectives:

\* It provided a simple method to for the community to reuse their biosolids and green waste for local benefit

\* It enabled the use of the composting process to up-skill council staff

\* It developed a transferrable model for use in smaller STPs and communities

\* It identified the nutrient value of the end product and its use in local applications

\* It replaced imported topsoil with the communities own compost product

\* It modelled a simple, odour-free process for local wastes