

Resource Recovery Centre

As part of our vision to be a truly sustainable water business, City West Water has an ongoing commitment to identify ways to improve the environmental outcomes of our community and our customers. Our business is built on triple bottom line principles, which encompass environmental goals that include moving towards zero waste, social goals that include partnering for sustainable outcomes and economic goals that include providing services that enhance new business and growth in the community.

City West Water manages trade waste produced by thousands of customers across the inner and western areas of Melbourne. We work closely with hundreds of our business customers to not only reduce the types of waste produced, but also produce much less of them, in line with the Victorian Government's Towards Zero Waste Strategy – which aims to generate less waste and maximise opportunities for material recovery.

The management of organic waste is a growing environmental, social and financial concern for the community. Many of these wastes end up in landfill, and as land available for waste disposal becomes more difficult to secure and disposal costs increase, there is a need to minimise the ongoing environmental impact of disposed waste. Whether it's haulage to landfill or the gases released as they decay, these wastes have a large carbon footprint and contribute

unnecessarily to greenhouse gas emissions and unwanted odours.

To minimise the volume and impact of wastes produced in the Brooklyn/Laverton precinct, City West Water is investigating a concept that would, potentially, enable us to treat organic wastes to create energy, water and solids for beneficial use.

Industrial process applications Organic sludges (eg meat industry waste) Gas Electricity generation Organic screenings (eg dairy industry waste) RESOURCE Open space irrigation **RECOVERY** City West Water biosolids CENTRE Liquid (from sewage treatment) Industrial reuse Other organic waste streams Stabilised solids Solids (eg barley from brewing)

The investigation of the Resource Recovery Centre concept is in its early stages. We are seeking stakeholder interest and feedback on this concept which will feed into an overarching feasibility study.

The Resource Recovery Centre requires a complex and thorough investigation to determine its feasibility. Naturally, we understand the importance of the potential impact a facility of this type could have on the surrounding area. Any facility for waste

management would satisfy all associated odour and environmental standards, and comply with all state and federal laws. The Resource Recovery Centre could provide a secure and affordable disposal option for organic wastes. Locating the Resource Recovery Centre where wastes are generated will allow for lower transport impacts, and diverting waste from landfill will allow energy within the waste to be captured for beneficial reuse, all while reducing outputs of greenhouse gases.

Keeping the community informed and involved is essential in determining the feasibility of such a facility, and accordingly, we welcome your input on the proposal.

For any feedback please contact Lesley Smith from our Business Resource Efficiency Team via email on Ismith@ citywestwater.com.au or by phone, on (03) 9313 8250, who will be happy to discuss the initiative in greater detail.