



# Latest *from* the *Landfill*

## Wetland treatment system progresses

**The Environment Protection Authority (EPA) has advised that Southern Waste Solutions' wetland treatment system Environmental Effects Report (EER) includes sufficient information for the project to proceed to the public consultation phase.**

The system, to be designed and implemented by Syrinx Environmental, will utilise natural wetland vegetation processes to assist in treating wastewater from the Copping B-Cells without the need for external energy or chemicals.

The trial is intended to assess how effective the technology will be for treating leachate from the Category B-Cells within the landfill facility.

If successful, and subject to an additional approval process, the pilot system will then be expanded to a full-scale operation allowing treated waste water that has been tested against standards agreed to with the EPA, and subjected to satisfactory test results on every occasion, to be reintegrated into the surrounding ecosystem.

A public consultation period is expected to begin following Sorell Council's advertisement in The Mercury scheduled for Saturday, 1 December 2018.

**To request more information including a copy of the EER, please contact Southern Waste Solutions on 6273 9712 or [sws.finmanager@internode.on.net](mailto:sws.finmanager@internode.on.net).**



## The power of waste

**The Copping Landfill is set to be commissioned with a LMS Energy owned and operated 1MW power generation plant following the initial success of its gas flaring facility.**

The facility could see enough electricity created and exported to the grid to power 1500 Tasmanian homes round the clock.

The Copping Landfill Gas Flaring Project was commissioned in 2012 and has abated over 135,000 tonnes of carbon to date.

Landfill gas is approximately 50 per cent methane (CH<sub>4</sub>), a harmful greenhouse gas that contributes to the effects of global warming.

Without the abatement process, greenhouse gas emissions that occur naturally from the decomposition of waste would be released into the atmosphere risking harm to the environment.

The project operates with the installation of a series of below ground pipes incorporating gas wells.

The gas is drawn into the wells by a vacuum pump and then transported through the gas extraction system piping network to the flare where it is recorded and combusted.

Destroying and reprocessing landfill gas allows the reduction of greenhouse gas emissions as well as the production of a local renewable energy source for the community.

This project was declared as an Eligible Offset Project under the Carbon Farming Initiative (CFI) in July 2012 and transitioned to the Emission Reduction Fund (ERF) in December 2013.

LMS Energy and Southern Waste Solutions are also investigating the potential for a further 1MW expansion in the not too distant future.

**For more information on the gas flaring facility, visit our website at [www.swstas.com.au](http://www.swstas.com.au).**

## Wetlands Community Information Evening

**An open community information evening, including a presentation and Q&A session with Syrinx Environmental Director and CEO Dr Kathy Meney will be held at the Sorell Council Chambers on Wednesday, 5 December from 6:30pm.**

**For further information:**

**VISIT [swstas.com.au](http://swstas.com.au) EMAIL [sws.finmanager@internode.on.net](mailto:sws.finmanager@internode.on.net) PHONE (03) 6273 9712**