



# Latest *from* the *Landfill*



*Best practice wetland  
treatment system proposed  
for Copping landfill*

**Southern Waste Solutions has lodged an application to the Sorell Council to build a wetland leachate treatment system in line with environmental world's best practice standards at their Copping Regional Landfill Facility.**

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-Cell without the need for external energy or chemicals.

A similar wetland treatment system designed by Syrinx Environmental (pictured above) has been implemented in Burnie with great success, winning the 2017 Australasian Land and Groundwater Association Sustainable Remediation Project Recognition Award, and making the finals of the EPA Sustainability Award in the 2017 Tasmanian Community Achievement Awards.

Southern Waste Solutions CEO Christine Bell said wetland leachate treatment systems are ecologically sensitive and easily incorporated into the wider local ecosystem, contributing to their environmental best practice reputation.

"Not only is the process clean and green, but the passive nature of wetland leachate treatment also means that after the initial set up, only minimal upkeep is required and the system will sit more naturally within the environment than traditional systems," Ms Bell said.

The proposal includes a series of interconnected, small, lined ponds to be planted with a range of vegetation designed to extract contaminants from water that has passed through the landfill.

The proposed system will be preceded by a fully closed-circuit pilot scale system with no off-site discharge.

Once proved to be effective, the pilot system will be expanded to a full-scale operation where after contaminants have been removed, treated wastewater will be tested against standards agreed with the Environment Protection Authority and, subject to satisfactory test results on every occasion, be reintegrated into the surrounding ecosystem.

**An open community information session, with a presentation from Syrinx Environmental Director and CEO Dr Kathey Meney will be held at the Sorell Council Chambers on Tuesday, 22 May from 12pm until 2pm.**

## *BLANkET system helping respiratory health this burn season*

**While the cooler and shorter days of autumn and winter might be gloomy for some, they offer ideal conditions for the Tasmania Fire Service to get ready for next summer's bushfire season through fuel reduction burns.**

Tasmania's Fuel Reduction Program is now well underway around the state, with a number of burns planned for the Tasman Peninsula region in the coming months.



With higher than normal levels of smoke particle concentration present in the air we breathe during these burn offs, it's important to monitor air quality to help those in the community who are sensitive to smoke, allowing them to take early and necessary precautions for their health.

Air quality information is especially important for people with heart and lung conditions, as well as infants and people over 65 years of age.

Southern Waste Solutions proudly provided the funding for the installation and ongoing maintenance of a local air quality monitoring (BLANkET) station for the Bream Creek area. Since the installation of this BLANkET monitor at Bream Creek, smoke events such as bushfires and planned burns, as well as wood smoke produced by wood heaters and residential burn offs, have been recorded and alerts sent out to the community.

The Environment Protection Authority's BLANkET system is a state-wide network of small air quality stations that report real-time indicative particle concentration data (from smoke or dust) to a dedicated public page on the EPA Tasmania website.

To access the air quality data from the Bream Creek BLANkET station, simply visit [epa.tas.gov.au](http://epa.tas.gov.au)

To view the Tasmania Fire Service's map of planned fuel reduction burns, visit [fire.tas.gov.au/Show?pageId=colWhatsBurningNow](http://fire.tas.gov.au/Show?pageId=colWhatsBurningNow)

**For further information:**

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