



Saving Space at Koonwarra Landfill

South Gippsland Shire Council has implemented a new Tarpomatic landfill system that is expected to increase the asset lifespan of Koonwarra Landfill by four years.

The system is deployed over the waste at the end of each day and is retracted at the start of each day's operation. The system also has a deodoriser unit which sprays a solution over the waste to reduce odours.

Traditionally 300mm of soil was required to cover all waste at the end of each day's operation; the new Tarpomatic system saves this land space in the landfill cell.

Apart from saving valuable landfill airspace, the system also saves staff time previously spent excavating, carting, and spreading soil cover which allows more time to be spent on other duties.

South Gippsland Shire Council was the first landfill operator in Victoria to gain ongoing approval to use the Tarpomatic system.

Council's Waste Management Supervisor Peter Roberts said the innovative system provides a cost-effective way for Council to cover the landfill overnight.

"Implementing the new system has resulted in an airspace saving of approximately \$670,000 in the first nine months of operation.

"It is also expected that savings will increase as landfill airspace becomes more valuable and operators become better at using the tarps.

"Utilising the system has provided Council with a cost effective solution to saving valuable landfill space while still reducing windblown litter and odours as per traditional methods," said Mr Roberts.

Council and the community will be briefed on the successful operation and savings implemented by the Tarpomatic landfill system at a public briefing on the 20 July 2016.

PR1882 7/7/16