

# Soil solutions

Creating sustainable environmental solutions

## FACT SHEET



### About the SORF

Gippsland Water's Soil and Organic Recycling Facility is eastern Victoria's leading waste management complex that treats and recycles liquid and solid prescribed industrial waste.

Since 1985, the Environment Protection Authority licensed facility has been providing economic and sustainable waste management solutions to local and state-wide organisations.

The facility offers clients cost-effective treatment for organic wastes that are not available anywhere else in the state. It treats contaminated soils for beneficial reuse, creating an environmentally acceptable and sustainable solution for clients who need to remove and manage potentially hazardous contaminated soils from communities.



**The Soil and Organic Recycling Facility (SORF) will be the first of its kind in Victoria treating contaminated soils for reuse.**

All hydrocarbon contaminated soils will undergo treatment in state-of-the-art in-vessel composting units.

All soils treated in the in-vessel units will be processed to meet reuse standards, providing a sustainable and environmentally beneficial alternative to landfill.

The Soil and Organic Recycling Facility will give your organisation a cleaner and more sustainable waste management option to treat and recover prescribed and non-prescribed organic wastes and hydrocarbon contaminated soils, which can then be reused in a range of ways.

The proven treatment method produces reusable composted materials from resources such as organic contaminated soils, providing an important new dimension to the resource recovery capability of Victoria.

The Soil and Organic Recycling will produce high quality compost that meets Australian standards and could be used for pasture improvement, land rehabilitation or beautification projects.

### Leading technology

The treatment technologies offered by the Soil and Organic Recycling have been selected on the basis of its capacity to remediate contaminated wastes to safe levels.

The proven technologies are well-established practices that have been successfully used in waste treatment processes around the globe, and provide sustainable outcomes for clients.

Bioremediation and composting use natural biological processes to treat and remediate organic compounds (e.g. petroleum hydrocarbon and animal fats). This allows naturally occurring microbes to break down the organic compounds to carbon dioxide and water, and beneficial soil organics.

The in-vessel composting units provide a fully integrated and controlled aerobic (oxygen rich) environment for the microbes. This increases the rate of microbial activity through controlled air injection and the addition of mineral nutrients and moisture.

### Other solid wastes accepted

The facility accepts all types of asbestos and synthetic mineral fibres for internment in the Soil and Organic Recycling's purpose-built dedicated landfill cell.

The facility is also licensed to accept tannery waste for internment.



For more information please contact Gippsland Water on 1800 066 401

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