

LAND CAPABILITY ASSESSMENT

FOR ONSITE MANAGEMENT OF DOMESTIC WASTEWATER

What is a Land Capability Assessment?

A Land Capability Assessment (LCA) is a detailed report that identifies intrinsic environmental features associated with the site for sustainable on-site wastewater management. The objective is to develop a management regime, minimise environmental impacts and enhance long-term sustainability.

When is a Land Capability Assessment required?

In unsewered areas, an LCA must be undertaken for a site that requires the installation of a wastewater treatment system.

Ground Science can assist you with the preparation of LCA which involves a thorough site inspection, soil sampling and analysis, and a comprehensive report that will outline which on-site wastewater treatment system is most suited to your site. The size and location of the land application area will be determined using water balance modelling specific to your site, which will minimize environmental and human health impacts.

Ground Science has built up relationships with Councils across Victoria and has tailored reports to meet the specific requirements of all Shires.

All reports and procedures are in accordance with EPA Victoria guidelines and Australian Standards:

- EPA Publication 891.3 Septic Tanks Code of Practice
- EPA Publication 746.1 Land Capability Assessment for Onsite Domestic Wastewater Management
- AS/NZS 1547: 2000

There are a number of systems currently available:

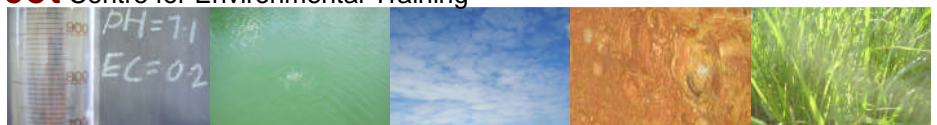
- Absorption trenches
- Evaporation/Transpiration beds
- Subsurface drip irrigation
- Reed-beds or wetland systems
- Worm farms
- Sand filters and Mound systems
- Composting toilets

Please contact our LCA specialist **Mr Jared Hammett** on **9464 4617** or **0408 577 384** for any questions or to organise a quote.

We operate all throughout metro Melbourne and rural Victoria



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www.groundscience.com.au