

YOUR WDSE CHECKLIST

- Have I contacted the EPA?
- Have I read the Waste Derived Soil Enhancer Standard?
- Do I have relevant approvals in place?
- Do I need to submit a proposal (including Type B Auditor Protocol where relevant) to EPA?
- Have I targeted appropriate wastes?
- Do I have an immediate and specific market for the WDSE?
- Have I conducted sufficient sampling and assessment to determine risks?
- Is the WDSE fit for purpose?
- Do I have appropriate quality assurance procedures to ensure a consistent WDSE product?
- Have I implemented appropriate environmental, human health and safety procedures and controls for the production and use of WDSE?
- Have I used appropriate expertise in risk assessment?
- Am I compliant with other guidelines and legislation eg *Agricultural and Veterinary Products (Control of Use Act) 2002*?

Waste Derived Soil Enhancer Standard
Go to www.epa.sa.gov.au/xstd_files/Waste/Guideline/standard_wdse.pdf

More information on Waste Management
can be found at www.epa.sa.gov.au/environmental_info/waste



Production and use of Type A Schemes (eg biosolids) need to be conducted in accordance with existing guidelines.



South Australia

for more information please contact:
Environment Protection Authority
www.epa.sa.gov.au

GPO Box 2607 Adelaide SA 5001
250 Victoria Square Adelaide SA
T (08) 8204 2000 F (08) 8124 4670
Country areas 1800 623 445



WDSE can have beneficial characteristics for agriculture including enhanced nutrient supply and improved soil quality.

Waste Derived Soil Enhancer

How do I prevent harm to the environment and human health when producing and using Waste Derived Soil Enhancer (WDSE)?

The EPA Standard for Waste Derived Soil Enhancer provides information to help you understand the potential risks and your legal obligations for the production and use of WDSE.

Environment Protection Authority
www.epa.sa.gov.au



South Australia

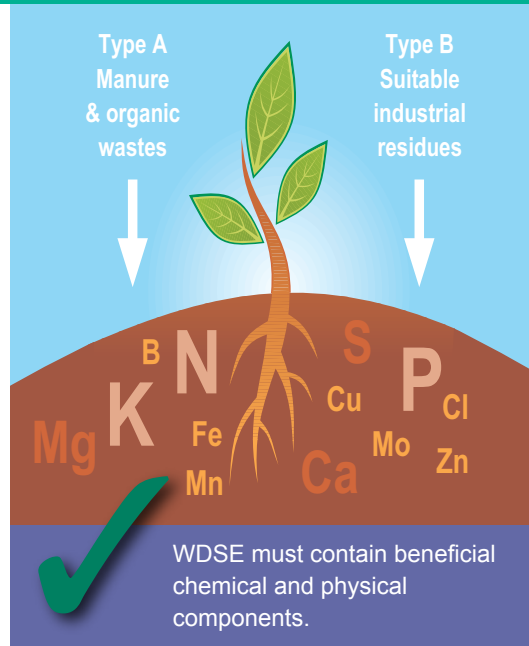
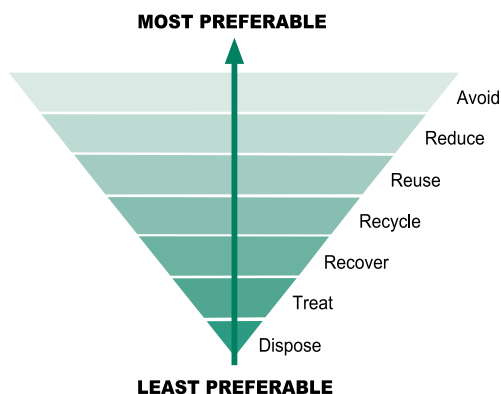


WDSE can be used to replace standard chemical fertilisers.

WHAT IS WASTE?

- Waste includes leftover, unwanted, surplus materials whether of value or not.
- To be suitable for reuse, waste needs to be processed into a recycled product that meets an appropriate standard.

ARE YOU SUPPORTING THE WASTE HIERARCHY?



WDSE must contain beneficial chemical and physical components.

WASTE DERIVED SOIL ENHANCER

A WDSE:

- is a waste demonstrated to be or treated to become a material that is chemically and physically suitable for use as a soil enhancer
- must have a beneficial use
- may be an organic waste (eg manure) or an appropriate mineral-based industrial waste.

ASSESS AND MANAGE RISKS

When producing and using WDSE you need to:

- target and segregate appropriate waste (avoid unsuitable and recyclable wastes)
- undertake a risk assessment and appropriate sampling and testing for



WDSE should not be applied close to sensitive receptors such as surface waters and residential areas.

chemical and physical quality to prevent harm to the environment, humans and agriculture

- implement quality controls
- comply with relevant guidance documents.

LEGAL OBLIGATIONS

It is important to be aware of the legal obligations associated with the production and use of WDSE including:

- when producing WDSE products, having authorisation (EPA licence) to receive, store, treat and process waste
- when using WDSE products, obtaining EPA approval when required
- meeting your general environmental duty when conducting activities such that they do not cause harm to the environment or human health.