

Australian/New Zealand Standard™

**On-site domestic-wastewater
management**



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AS/NZS 1547:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS/13 On-site Domestic Wastewater Management. It was approved on behalf of the Council of Standards Australia on 12 May 2000 and on behalf of the Council of Standards New Zealand on 3 May 2000. It was published on 24 July 2000.

The following interests are represented on Committee WS/13:

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Australian Water Association
Bureau of Steel Manufacturers of Australia
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Australian/New Zealand Standard™

On-site domestic-wastewater management

Originated in Australia as part of Int 320-1951.

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Originated in New Zealand as part of NZS 4610:1982.

AS 1547-1994 and part of NZS 4610:1982 jointly revised,
amalgamated and redesignated as AS/NZS 1547:2000.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS/13/1 On-site Domestic-wastewater Management to supersede AS 1547-1994, *Disposal systems for effluent from domestic premises* and, in part, NZS 4610:1982 *Household septic tank systems*.

The revision has been broadened in scope to:

- (a) Include performance statements necessary to define outcomes and to accommodate new technologies.
- (b) Provide the basic performance provisions for septic tanks ([AS/NZS 1546.1-1998](#)) and introduce performance requirements to cover all types of wastewater-treatment units and land-application systems.
- (c) Set out the administrative and managerial responsibilities, and the education and training needed to ensure that on-site domestic-wastewater systems could be effective long-term options.
- (d) Give guidance on operation and maintenance of on-site domestic-wastewater systems.
- (e) Give guidance for on-site evaluation.
- (f) Give guidance on soil assessment.
- (g) Provide options for on-site domestic wastewater-treatment and land-application systems.
- (h) Give guidance on design, construction and installation.

This revision does not address issues of sustainable reuse of wastewater.

This Standard is presented in four parts:

- PART 1: General
General background and definitions relevant to the whole Standard.
- PART 2: Performance
Performance statements for on-site domestic-wastewater systems.
- PART 3: Management of on-site domestic-wastewater systems
Detailed discussion of the requirements for effective management of on-site domestic-wastewater systems, including their operation and maintenance.

This is an informative Part of the Standard.
- PART 4: Means of compliance
Means of compliance with the performance statements of Part 2.
 - 4.1 Site-and-soil Evaluation
 - 4.2 Land-application systems
 - 4.3 Wastewater-treatment units
 - 4.4 Other wastewater systems
 - 4.5 Construction and installation

Appendices accompany Clauses 4.1, 4.2, 4.3 and 4.5.

Part 3 of this Standard covering management of the construction and use of on-site domestic-wastewater systems is informative only. Its presence in this Standard reflects its importance to the Committee.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendices to which they apply. For example, a 'normative' part or appendix is an integral part of the Standard, whereas an 'informative' appendix is for information and guidance only.

Clauses prefixed by "*Comment*" and printed in italic are comments, explanations, and summaries of technical background, recommended practice or suggest approaches that satisfy the intent of the Standard.

ACKNOWLEDGEMENT

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