



Amendments to the guidelines for the non-potable uses of recycled water in WA

March 2024

The Guidelines for the Non-potable Uses of Recycled Water in WA have been internally reviewed, comments collected, collated, assessed and amendments made to maintain the Guidelines currency and accuracy. The main amendments are listed below.

Guidelines Section	Amendments
Foreword	Updated name of the Chief Health Officer.
Table of Contents	Updated section and page numbers.
1.Introduction	Minor amendments to wording.
1.1.Objectives	Minor amendments to wording.
1.2.Scope	Inserted link for Code of Practice for the Reuse of Greywater in Western Australia and Department of Water and Environmental Regulation (DWER) website. Updated Department of Environment and Conservation (DEC) to Department of Water and Environmental Regulation (DWER).
1.3.Structure of guidelines	Removed reference to Appendix 1 and 2 and inserted link to the the DOH website: https://www.health.wa.gov.au/Articles/N_R/Recycled-water-in-WA . Minor amendments to wording.
1.5.The approval process	Minor amendments to wording.
2.Legislation and guidelines	Updated the Health Act 1911 to the Health (Miscellaneous Provisions) Act 1911.
2.2.Relevant legislation and Codes	Updated Water Services Licensing Act 1995 to Water Services Act 2012 and corresponding sections of the Act.
2.3.Other agencies	Updated names of relevant departments, links to current versions of relevant documents and Water Quality Protection Notes.

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3.2.6.Environmental uses	Minor amendments to wording and updated link for DWER's contact details.
4.2.Communication planning	Removed reference to RWQMP template. Minor amendments to wording. Replaced reference to <i>Interim Industry Guide to Community Involvement from DEC (2003)</i> with <i>The Guide to Best Practice Planning Engagement in Western Australia (DPLH)</i> and <i>The Public health consultation: A guide for developers (DOH)</i> .
4.3.Financial planning	Updated Water Services Licensing Act 1995 to Water Services Act 2012.
4.4.Site selection	Minor amendments to wording and DWER's link with sensitive water resources.
4.5.2. Scheme managers	Minor amendments to wording.
5.Risk assessment and management	Removed reference to RWQMP template. Minor amendments to wording.
6.Monitoring of recycled water systems	Removed reference to RWQMP template. Minor amendments to wording.
Table 7: Commissioning validation and verification monitoring requirements	Inserted requirement for E Coli <10.000 MPN or cfu/100mL as an effluent compliance value for Extra Low exposure risk level. Inserted note 12 for Low exposure risk level BOD parameter.
Table 8: Minimum ongoing monitoring requirements	Amended audit frequency for all exposure risk levels to three (3) years for internal audit and six (6) years for external audit. Removed note 1 for E.coli parameter as its not applicable. Removed requirement for Low exposure risk level SS parameter testing. Added requirements for Extra low risk Woodlots with surface irrigation and Sub surface irrigation (non-food crops).
Notes to Tables 7 and 8	Note 1 – amended wording. Note 9 – amended wording. Note 19 added to support public exclusion conditions

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	Note 20 added to ensure ongoing maintenance of irrigation systems and cessation of irrigation during and after timber harvesting.
6.5. Use of indicator organisms to determine performance of recycled water schemes	<p>Inserted reference to tables 3.7 and 3.8 of the National Guidelines.</p> <p>In Table 9 – amended water quality objective for Municipal use with restricted access and application from E.coli <100 MPN or cfu /100mL to E.coli <10 MPN or cfu /100mL.</p>
6.6. Monitoring for environmental performance	Removed nutrient application requirements regulated by DWER and inserted reference to DWER's WQPN 22 irrigation with nutrient rich wastewater (2008).
7. Management	<p>Removed reference to RWQMP template.</p> <p>Updated contact details and links of relevant agencies.</p> <p>Minor amendments to wording.</p>
7.10. Irrigation method and design	Inserted example of restricted public access using low exposure risk level water quality.
7.10.3. Spray drift	<p>Inserted examples of spray drift controls and recommended on-site controls for different exposure risk level water quality to minimise potential for exposure to recycled water when spray irrigation is used.</p> <p>Inserted a buffer zone of at least 25 meters for Low exposure risk level water quality.</p>
8. Awareness and training	Removed reference to RWQMP template.
9. Operational reporting and audit	Removed reference to RWQMP template.
9.2. Annual report	<p>Removed Annual report submission email address rwresults@health.wa.gov.au and replaced it with wwalert@health.wa.gov.au</p> <p>Removed reference to RWQMP template and inserted link to Annual Report Template</p> <p>Minor amendments to wording for clarity.</p>
9.3. Audit reporting	<p>Amended audit frequency for all exposure risk levels to three (3) years for internal audit and six (6) years for external audit.</p> <p>Update link to the Recycled water scheme audit tool.</p> <p>Minor amendments to wording.</p>

Guidelines Section	Amendments
9.4.Non-compliance reporting	Amended in accordance with the updated Wastewater Overflow Response Procedure . Updated contact details.
10.Reviews and continuous improvement	Removed reference to RWQMP template. Minor amendments to wording.
11.Obtaining approval for recycled water schemes	Updated links and removed outdated references Amended and adjusted the Section for clarity. Removed reference to RWQMP template Table 15: List of contacts – updated names and contact details
References	Updated references.
Appendix 1: Application form for recycling schemes	Removed and a link to the application form inserted in the Guidelines.
Appendix 2: Table of contents of the RWQMP	Removed and a link to the RWQMP template inserted in the Guidelines.
More Information	Updated contact details.

More Information

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