



**Australian Government**

**Assessment Requirements for NWPTRT066  
Assess and improve wastewater processes to  
control microbial impacts**

**Release: 1**

# Assessment Requirements for NWPTRT066 Assess and improve wastewater processes to control microbial impacts

## Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

## Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- compiling reports with recommendations for optimising the growth of beneficial microorganisms
- identifying a range of beneficial wastewater microorganisms
- identifying a range of wastewater microorganisms and their general characteristics and types of problems caused
- identifying and responding to risks and hazards associated with wastewater microorganisms
- identifying and selecting strategies for optimising the beneficial growth of microorganisms
- interpreting a range of complex and technical documents including at least one of the following:
  - codes of practice
  - national and industry standards
  - organisational policies
  - regulatory, legislative, licensing and organisational requirements
  - specifications
- investigating causes of effluent quality issues

## Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and include knowledge of:

- effluent quality problems caused by wastewater microorganisms
- operational problems caused by wastewater microorganisms
- principles of maintaining beneficial organisms in wastewater treatment processes
- relevant legislation, industry standards and workplace policies and procedures
- risk and hazard management principles
- types and applications of chemical additives
- types, lifecycle, characteristics of wastewater microorganisms
- workplace reporting requirements

## Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures and operation manuals.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>