



**Australian Government**

**Assessment Requirements for MSS024021  
Assist with assessing and monitoring  
stormwater systems**

**Release: 1**

# Assessment Requirements for MSS024021 Assist with assessing and monitoring stormwater systems

## Modification History

Release 1. Updated unit code. Changes to performance criteria. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- planned and safely conducted surveys, inspections or audits of at least 2 stormwater systems and reported current system conditions.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- terminology and principles of stormwater management
- basic design of stormwater transport systems, constructed wetlands and flood mitigation structures
- sources of stormwater system information
- specific legislation, policies and guidelines relevant to stormwater survey, inspection and audit activities
- stormwater management purpose, plan and techniques
- catchment physical, social, waterway and ecological characteristics
- catchment values
- fundamental principles of ecology and assessment of site environmental indicators
- environmental factors that impact on soils, water quality, population and diversity of flora and fauna
- specified procedures, methods and equipment for collecting soil, water and (micro) biological samples
- procedures and equipment for maintaining, storing and transporting samples and specimens to ensure their wellbeing, viability and integrity
- procedures and equipment for basic water flow and quality measurements
- calculation of simple flow rates, scientific quantities, estimated uncertainties and unit conversion factors
- workplace procedures for recording field data and reporting requirements
- protocols for the confidentiality and security of information and communicating with the community and media
- hazards, health, safety and environment requirements for work role.

## Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of facilities, equipment and resources, including:
  - access to natural and constructed drainage systems and combinations of these
  - relevant sampling equipment, field instruments and materials
  - documentation, including stormwater system information, environmental data sets, user manuals, workplace safety procedures and test or survey methods

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## Links

The MSS Sustainability Companion Volume implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>