Australian Government

Assessment Requirements for NWPSOU003 Identify and confirm blue-green algae outbreaks

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Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. The candidate must be assessed in at least one type of sampling technique listed in the Range of Conditions. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- using safety and personal protective equipment
- interpreting instructions
- interpreting policies, procedures and standards
- performing algae sampling
- maintaining integrity of samples
- recording information and reporting on basic data
- identifying algae types
- conducting blue-green algae identification and enumeration tests
- performing calculations
- reporting test results

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- types and purposes of algae samples
- sampling and testing of water quality parameters related to algae growth
- procedures and techniques for all algae sampling
- hazards associated with collection and handling of blue-green algae samples
- environmental factors which favour the growth of algae

- characteristics of algae
- problems caused by algal blooms
- impact of blue-green algae on water and/or wastewater treatment processes

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

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

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037

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