



Australian Government

NWPSOU001 Respond to blue-green algae outbreaks

Release: 1

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Modification History

Release	Comments
1	<p>This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages.</p> <ul style="list-style-type: none"> New unit, created drawing upon information from deleted units NWP368A and NWP278A

Application

This unit describes the skills required to respond to blue-green algae outbreaks. The ability to identify problems, conduct sampling, determine and apply technical adjustments and produce technical reports is essential to performance.

This unit applies to those working as field staff members with specific responsibilities for responding to blue-green algae outbreaks.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under supervision, while performing complex tasks, within a familiar context.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Source

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Confirm blue-green algae outbreak	<p>1.1 Receive reports of <i>blue-green algae outbreak</i>.</p> <p>1.2 Verify the extent and locations of blue-green algae outbreak.</p>

<p>2. Prepare samples for testing</p>	<p>2.1 Confirm procedures for sampling and sampling locations. 2.2 Check organisational procedures. 2.3 Prepare sampling equipment. 2.4 Identify location and extent of outbreak. 2.5 Select sample points. 2.6 Carry out sampling. 2.7 Prepare and send samples for testing.</p>
<p>3. Respond to blue-green algae outbreak</p>	<p>3.1 Evaluate potential blue-green algae control methods and select and implement appropriate actions. 3.2 Advise affected people. 3.3 Monitor and inspect area.</p>
<p>4. Report on blue-green algae outbreak</p>	<p>4.1 Collect and interpret process data. 4.2 Compile data report. 4.3 Report observations outside defined parameters for further action.</p>

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Range of Conditions

<p>Blue-green algae outbreak areas</p>	<ul style="list-style-type: none"> • rivers, streams, creeks • dams
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include:	<ul style="list-style-type: none">• lagoons• billabongs
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Unit Mapping Information

No equivalent unit.

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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