

Title	Describe and use drinking-water websites and databases for drinking-water assessment		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: describe drinking-water websites and databases and their applications in drinking-water assessment; demonstrate the use of drinking-water websites and databases; and produce water quality performance reports using water supply data and information from drinking-water websites and databases.
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Classification	Water Industry > Drinking-Water Assessment
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references relevant to this unit standard include: Health Act 1956, and subsequent amendments;
Drinking-water Standards for New Zealand, 2005 (Revised 2008). Ministry of Health, Wellington;
Drinking Water for New Zealand website:
<http://www.drinkingwater.org.nz/default.asp>.
- 2 Definition
Drinking-water supply – the supply catchment, treatment plant, and distribution including tankers. The drinking-water supplier has responsibility for managing the public health risks of the drinking-water supply.

Outcomes and performance criteria

Outcome 1

Describe drinking-water websites and databases and their applications in drinking-water assessment.

Performance criteria

- 1.1 Drinking-water websites and databases are identified and described in terms of the information and services available through them.

1.2 Drinking-water websites and databases are described in terms of organisations that use them and the purpose for which they are used.

Range includes but is not limited to – drinking-water suppliers, drinking-water assessors, laboratories, Institute of Environmental and Scientific Research (ESR), Ministry of Health.

1.3 Drinking-water websites and databases are described in terms of their applications in drinking-water assessment.

Outcome 2

Demonstrate the use of drinking-water websites and databases.

Performance criteria

2.1 A sampling schedule is created and adjusted in accordance with the *Drinking-water Standards for New Zealand*.

2.2 Drinking-water supply data is used to assess compliance with the *Drinking-water Standards for New Zealand*.

2.3 A surveillance sample is entered into a database in accordance with organisational procedures.

2.4 A data file is transferred in accordance with database processes.

2.5 Data information requirements are entered to complete the annual report on drinking-water quality in New Zealand.

Outcome 3

Produce water quality performance reports using water supply data and information from drinking-water websites and databases.

Performance criteria

3.1 Report is produced and water supply data and information is utilised in accordance with reporting requirements and organisational procedures.

Range report may include – statutory compliance, *Drinking-Water Standards for New Zealand* achievement, annual report on drinking water quality in New Zealand, register of drinking water supplies in New Zealand.

Replacement information	This unit standard replaced unit standard 18447.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 September 2008	31 December 2018
Review	2	16 March 2017	31 December 2022
Review	3	28 January 2021	31 December 2022

Consent and Moderation Requirements (CMR) reference

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.