

Title	Describe water use and quality, and related land use issues in primary production		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe: restrictions on land and water use, application of the Resource Management Act 1991, and types of activities requiring consents; and water quality, and ground and surface movement of water issues associated with agricultural and horticultural land use.
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Classification	Agriculture > General Agriculture
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Available grade	Achieved
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Guidance Information

- Legislation and regulations relevant to this unit standard include but are not limited to:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Territorial and local authority by-laws; and any subsequent amendments.
- Best management practices* refer to the practices described in the *Code of Practice for Nutrient Management*, New Zealand Fertiliser Manufacturer's Research Association Incorporated (NZFMRA), 2013, available from www.fertresearch.org.nz.

Outcomes and performance criteria

Outcome 1

Describe restrictions on land and water use, application of the Resource Management Act 1991, and types of activities requiring consents.

Performance criteria

- Describe local and regional council restrictions on land and water use in terms of agricultural and horticultural land use.

Range evidence of two restrictions each for agricultural and horticultural land is required.
- Describe local and regional council application of the Resource Management Act 1991 in terms of land use and water plans.

1.3 Describe water consents and discharge consents in terms of types of activities requiring consents.

Range evidence of two types of activity for each consent is required.

Outcome 2

Describe water quality, and ground and surface movement of water issues associated with agricultural and horticultural land use.

Performance criteria

2.1 Describe water quality, and ground and surface movement of water issues associated with agricultural and horticultural land use in terms of the causes and consequences.

Range issues include but are not limited to - water sources and use, water tables and drainage, water impurities and contamination, soil degradation, topography and suitability for land use.

2.2 Describe methods for minimising problems of water quality, and ground and surface movement of water as they relate to agricultural or horticultural land use in accordance with best management practices.

Range practices include but are not limited to - nutrient management techniques, animal grazing techniques, effluent disposal systems, irrigation techniques, managing hard water.

Replacement information	This unit standard and unit standard 19141 replaced unit standard 51.
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Planned review date	31 December 2026
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Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 June 2002	31 December 2023
Review	2	20 May 2008	31 December 2023
Review	3	24 February 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata – People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.