

Title	Implement and monitor a farm environment plan		
Level	4	Credits	10

Purpose	<p>This unit standard is for people who are required to implement and monitor a farm environment plan within a farming context.</p> <p>People credited with this unit standard are able to: describe farm environmental risks and farming practices that mitigate environmental risks; identify risks to farm and catchment environments and describe opportunities to improve farming practice, and implement and monitor farming practices.</p>
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Classification	Agriculture > Agricultural Resource Maintenance
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Available grade	Achieved
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Guidance Information

- 1 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;
 - and territorial and local authority bylaws.
- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.
- 3 Definitions

Environmental management refers to identifying and managing the environmental impacts of farming production systems to preserve and enhance the environment.

Environmental risk examples include lack of biodiversity, chemical use, dead animal disposal, greenhouse gas emissions, farm waste, poor water quality.

Workplace procedures refers to verbal or written instructions to staff on procedures for reporting farming activities.
- 4 Candidates are required to implement and monitor at least two farming practices from a farm environmental plan. Recommended good farming practices can be sourced from a farm environmental plan, regional regulatory requirements and industry specific environmental programmes.

5 Resources

EnviroWalk app is available from DairyNZ, <https://www.dairynz.co.nz>.

Good Farming Practice: Action Plan for Water Quality 2018, available from Federated Farmers of New Zealand, www.fedfarm.org.nz.

He Waka Eka Noa - Primary Sector Climate Action Partnership resources are available from www.hewakaekenoa.nz.

Outcomes and performance criteria

Outcome 1

Describe farm environmental risks and farming practices that mitigate environmental risks.

Performance criteria

1.1 Describe environmental risks in terms of their causes, potential impacts, and importance for farm environmental management.

Range evidence of greenhouse gas emissions, poor water quality and one other environmental risk is required.

1.2 Describe farming practices that mitigate environmental risks in terms of the strategies that minimise their potential impacts on farm.

Range evidence of greenhouse gas emissions, poor water quality and one other environmental risk;
evidence of two farming practices for each environmental risk is required.

Outcome 2

Identify risks to farm and catchment environments and describe opportunities to improve farming practice, and implement and monitor farming practices.

Performance criteria

2.1 Identify risks to farm and catchment environments in accordance with good farming practice principles.

2.2 Describe opportunities to improve farming practice in accordance with good farming practice principles.

Range evidence of at least two farming practices is required.

2.3 Implement farming practices in accordance with the farm environment plan.

2.4 Monitor progress of farming practices in accordance with the farm environment plan.

2.5 Report on the impacts and/or benefits of implemented farming practices to farm and catchment environments.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 February 2020	31 December 2024
Revision	2	29 July 2021	N/A
Revision	3	29 September 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.