

Title	Describe dairy effluent and its collection and management, and check and maintain a dairy effluent collection system		
Level	3	Credits	4

Purpose	<p>People credited with this unit standard are able to describe: the components of dairy farm effluent, its benefits as a fertiliser, and potential impact on animal health; the cleaning procedures for, and function and risk factors of, the dairy effluent collection system at the farm dairy; and the requirements for managing the build-up of dairy effluent in areas other than the farm dairy. They are also able to check and maintain the dairy effluent collection system in the farm dairy, and maintain the associated records.</p>
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Classification	Agriculture > Dairy Farming
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Available grade	Achieved
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Explanatory notes

- 1 Legislation and bylaws include but are not limited to – Resource Management Act 1991, local authority bylaws.
- 2 References
Managing Farm Dairy Effluent, Dairying and the Environment Committee, 2006, available from <http://www.trc.govt.nz/dairy-farm-effluent/>
NZCP1: Code of Practice for the Design and Operation of Farm Dairies, New Zealand Food Safety Authority, 2007.
- 3 Definitions
Dairy effluent refers to dairy effluent material containing between 5–20% solids.
On-farm procedures refer to the written and verbal instructions to staff on farm dairy effluent collection and storage system and heavy use area checking and maintenance, and which must meet the requirements of current legislation and bylaws.

Outcomes and evidence requirements

Outcome 1

Describe the components of dairy farm effluent, its benefits as a fertiliser, and potential impact on animal health.

Evidence requirements

1.1 Dairy farm effluent is described in terms of its components and the reasons for variability of its components.

1.2 Dairy farm effluent is described in terms of the benefits of use as a fertiliser.

Range evidence is required for at least two benefits.

1.3 The presence of dairy effluent on pastures after application is described in terms of its potential impacts on animal health.

Range evidence is required for at least two potential impacts.

Outcome 2

Describe the cleaning procedures for, and function and risk factors of, the dairy effluent collection system at the farm dairy.

Evidence requirements

2.1 The farm dairy effluent collection system is described in terms of the function of its components.

Range evidence is required for at least four components.

2.2 The farm dairy effluent collection system and components are described in terms of the factors which determine frequency of, and procedures for, cleaning.

2.3 The farm dairy effluent collection system is described in terms of the factors which may affect efficient operation.

Outcome 3

Check and maintain the dairy effluent collection system in the farm dairy and maintain the associated records.

Evidence requirements

3.1 The farm dairy effluent collection system is checked and maintained in accordance with on-farm procedures.

3.2 Records are maintained in accordance with on-farm procedures.

Outcome 4

Describe the requirements for managing the build-up of dairy effluent in areas other than the farm dairy.

Range areas may include but are not limited to – feed pads, stand-off areas, races, herd homes, underpasses, silage stacks;
evidence is required for at least two.

Evidence requirements

- 4.1 Dairy farm effluent is described in terms of the environmental risk due to its location on-farm.
- 4.2 Management of dairy effluent other than in the farm dairy is described in terms of the requirements of local authority bylaws.
- 4.3 The requirements for checking and maintaining areas, other than the farm dairy, where effluent builds up are described in accordance with on-farm procedures.

 Range maintenance tasks include but are not limited to – scrape down, solids removal.

Replacement information	This unit standard and unit standards 25726, 25727, 25728, 25729, 25730, 25732 have been replaced by unit standard 28940
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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	17 July 2009	31 December 2020
Review	2	16 July 2015	31 December 2020

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>.

Please note This unit standard is expiring
 Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.