

Title	Monitor wastewater treatment processes in a primary products food processing operation		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: monitor wastewater treatment systems, and monitor the compliance of wastewater treatment processes, in a primary products food processing operation.
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Classification	Primary Products Food Processing > Primary Products Food Processing - Operational Skills
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Available grade	Achieved
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Guidance Information

- Legislation and standards relevant to this unit standard include but are not limited to:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Health and Safety in Employment Regulations 1995;
 - Resource Management Act 1991;
 - AS/NZS ISO 14001:2016; *Environmental management systems – Requirements with guidance for use*, available at <http://www.standards.co.nz>; and any subsequent amendments.
- Definitions

Non-compliance – any event which occurs as part of the work process and presents an unacceptable environmental risk.

Organisational requirements – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.

Primary products food processing operation – covers a meat, dairy, seafood, fruit and vegetable and honey processing, food and beverage manufacturing, and other related industries.
- All evidence presented in this unit standard must be in accordance with organisational requirements.

Outcomes and performance criteria

Outcome 1

Monitor wastewater treatment systems in a primary products food processing operation.

Performance criteria

- 1.1 Monitor mechanisms used for the treatment of wastewater systems to ensure optimal processing and nutrient.
- 1.2 Monitor operating variables of wastewater treatment systems to ensure optimal operation.
- 1.3 Identify and action and/or report any operating problems of wastewater treatment systems.
- 1.4 Monitor wastewater treatment systems sludge handling and treatment processes to ensure efficient operation.

Outcome 2

Monitor the compliance of wastewater treatment processes in a primary products food processing operation.

Performance criteria

- 1.1 Monitor compliance of wastewater treatment processes.
- 1.2 Identify and report any instances of wastewater treatment non-compliance.
- 1.3 Take corrective action in response to any wastewater treatment processing incidences.

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	18 June 2015	31 December 2024
Review	2	24 March 2022	N/A

Consent and Moderation Requirements (CMR) reference	0022
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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 Hanga-Aro-Rau Manufacturing, Engineering, and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.