

Title	Monitor and report on assets and describe operational costs for a water or wastewater treatment plant		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: monitor and report on assets; and describe operational costs, for a water or wastewater treatment plant.
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Classification	Water Industry > Water - Generic
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable legislative and industry requirements.
- 2 Legislation and references relevant to this unit standard include: Health and Safety at Work Act 2015, Water Services Act 2021, Hazardous Substances and New Organisms (HSNO) Act 1996, and subsequent amendments.
- 3 Definition
Industry requirements include manufacturers' specifications; and enterprise requirements which may include documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.
- 4 Learning and assessment activities for this unit standard must be informed by Te Mana o te Wai (refer to [Taumata Arowai](#)) and the *National Policy Statement for Freshwater Management 2020* available from <https://environment.govt.nz/>.

Outcomes and performance criteria

Outcome 1

Monitor and report on assets for a water or wastewater treatment plant.

Performance criteria

- 1.1 The purpose and function of asset management is described for a treatment plant.
- 1.2 Plant asset data required for asset management is identified in terms of type and features.

- 1.3 Plant asset data required for asset management is described in terms of its use.
- 1.4 Plant asset data is monitored and reported, and action is taken on monitoring results outside acceptable parameters.

Outcome 2

Describe operational costs for a water or wastewater treatment plant.

Performance criteria

- 2.1 Operational cost components for a treatment plant are identified, and described in terms of monitoring and reporting requirements.
- Range labour, consumables, energy.
- 2.2 Operational costs are described in terms of their application in budgeting.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	31 December 2024
Review	2	26 May 2022	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.