

Title	Manage assets and operational costs for a water or wastewater treatment plant		
Level	5	Credits	6

Purpose	People credited with this unit standard are able to manage assets, and operational costs, for a water or wastewater treatment plant.
----------------	--

Classification	Water Industry > Water - Generic
-----------------------	----------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 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.
- 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; Ministry of Health, *Drinking-water Standards for New Zealand*, Ministry of Health, Wellington, 2005 (Revised 2018), and subsequent replacements, available at www.taumataarowai.govt.nz.
- Definitions
Company policy is a deliberate system of principles developed by a company to guide decision making. It outlines the organisation's response to known and knowable situations and circumstances, and is typically published in a booklet or other form that is widely accessible.
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.
- Learning and assessment activities for this unit standard must be informed by Te Mana o te Wai (refer to [Taumata Arowai](http://www.taumataarowai.govt.nz)) and the *National Policy Statement for Freshwater Management 2020* available from <https://environment.govt.nz/>.

Outcomes and performance criteria

Outcome 1

Manage assets for a water or wastewater treatment plant.

Performance criteria

- 1.1 Asset management plans are described in terms of purpose, function, and methods for their development.
- 1.2 Plant asset data is identified from monitoring reports and used to develop an asset management plan.
- 1.3 Plant assets are managed in accordance with company policy.

Outcome 2

Manage operational costs for a water or wastewater treatment plant.

Performance criteria

- 2.1 Operational cost management is described in terms of method and information required for effective planning.
- 2.2 Operational costs for a water or wastewater treatment plant are identified from monitoring reports, and used to develop a management plan.
- Range labour, consumables, energy.
- 2.3 Operational costs are managed in accordance with company policy.

Planned review date	31 December 2027
----------------------------	------------------

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
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangaAraRau.nz if you wish to suggest changes to the content of this unit standard.