

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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Explanatory notes

Definition

Organisational procedures – instructions to staff, and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – site specific requirements, manufacturers' specifications, product quality specifications, and legislative or regulatory requirements.

Outcomes and evidence requirements

Outcome 1

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

Evidence requirements

- 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 in accordance with organisational procedures.

Outcome 2

Describe operational costs for a water or wastewater treatment plant.

Evidence requirements

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 2021
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Status information and last date for assessment for superseded versions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	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>.

Please note

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 (CMRs). 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.

Comments on this unit standard

Please contact the Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.