

<b>Title</b>	<b>Operate and maintain a small wastewater system</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to operate and maintain a small wastewater system.
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<b>Classification</b>	Water Industry > Wastewater Treatment
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<b>Available grade</b>	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 relevant to this unit standard includes: Health and Safety at Work Act 2015, Water Services Act 2021, Hazardous Substances and New Organisms Act 1996, Health and Safety at Work (Hazardous Substances) Regulations 2017, and subsequent amendments.
- 3 Definitions  
*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.  
*Small wastewater system* refers to a system treating wastewater from 50 to 500 people, and which includes collection, treatment, and discharge.
- 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 at [environment.govt.nz](http://environment.govt.nz).

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### Outcomes and performance criteria

#### Outcome 1

Operate a small wastewater system.

#### Performance criteria

- 1.1 Discharge conditions that apply to the small wastewater system are identified, and their purposes and contents are outlined.

- 1.2 Treatment processes are carried out and adjusted in response to monitoring.  
Range may include – weather forecast, consumer demand, catchment monitoring, target levels.
- 1.3 Plant and equipment are operated.
- 1.4 Operational costs are identified and their relevance to budgeting and scheduling of maintenance is explained.
- 1.5 Records are maintained and stored.

## Outcome 2

Maintain a small wastewater system.

### Performance criteria

- 2.1 Planned maintenance is carried out and recorded.
- 2.2 Actions for maintaining the wastewater treatment process to a required level during planned maintenance are carried out.
- 2.3 Reactive maintenance is carried out and recorded.  
Range equipment failure or process failure.
- 2.4 Any required consumables are checked and ordered.

<b>Planned review date</b>	31 December 2026
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 February 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 Waihanganga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.