

Title	Report on a water supply topic or improvement		
Level	5	Credits	10

Purpose	People credited with this unit standard are able to: identify a water supply topic or operating problem and describe its history; research the water supply topic or operating problem using several sources; and report on potential solutions or improvements to the water supply topic or operating problem.
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Classification	Water Industry > Water Treatment
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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. The report should be at least 3000 words (excluding graphics) and should be peer reviewed prior to submission for assessment.
- 2 Legislation relevant to this unit standard includes the Health and Safety at Work Act 2015, Water Services Act 2021, Hazardous Substances and New Organisations Act 1996, Health and Safety at Work (Hazardous Substances) Regulations 2017, 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

Identify a water supply topic or operating problem and describe its history.

Performance criteria

1.1 The water supply topic or operating problem is described in terms of purpose, scope, and history.

Range plant operating data, monitoring results, regulatory authority reports, customer complaints, financial budgets, safety.

1.2 The significance of the water supply topic or operating problem is described in terms of the data required and options for resolution.

Outcome 2

Research the water supply topic or operating problem using several sources.

Range sources may include – industry standards, legislation, industry websites, colleagues.

Performance criteria

2.1 References are accessed and relevant information is gathered and summarised in terms of validity and relevance.

Outcome 3

Report on potential solutions or improvements to the water supply topic or operating problem.

Performance criteria

3.1 The executive summary of the report is consistent with the potential solutions, or improvements to the operating problems.

3.2 Material gathered from each form of research is collated, analysed, and summarised consistent with potential options, and proposed solutions or improvements.

3.3 The body of the report identifies and compares options for remedying the problem or perspectives of the topic.

3.4 The report is produced in the required format.

Range format – numbering system, indentations, figures and tables, type style and size.

3.5 The language of the report is appropriate for the specified audience.

Range tone, register, vocabulary, grammar, syntax.

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	21 March 2003	31 December 2018
Review	2	19 September 2008	31 December 2018
Review	3	16 March 2017	31 December 2024
Review	4	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.