

Title	Clean and maintain a pump station		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to clean a well and its external components; and perform routine maintenance, and monitor and report on the condition of a pump station.
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Classification	Infrastructure Works > Pipeline Construction and Maintenance
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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 relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes: Health and Safety at Work Act 2015; and any subsequent amendments.
- 3 **Definition**
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents, Waka Kotahi New Zealand Transport Agency specifications and guidelines.
- 4 **Range**
 Evidence is required for cleaning a pump station in either a drinking-water, wastewater, or stormwater system.

Outcomes and performance criteria

Outcome 1

Clean a well and its external components.

Range cleaning with a water blaster or high-pressure hose.

Performance criteria

- 1.1 The well is cleaned.

1.2 The external pump components are cleaned.

Range guide rails, pedestal, riser pipes, impellers, inlet screen, level control.

Outcome 2

Perform routine maintenance on a pump station.

Performance criteria

2.1 The well is maintained.

Range landings, surfaces, steps, covers or lids, vents, external structures.

2.2 The odour control devices are maintained.

Range fans, filters, vents, vent pipes, odour beds, sprinklers.

2.3 The pump and controls are maintained.

Range guide rails, pedestal, riser pipes, impellers, inlet screen, level control, motor.

Outcome 3

Monitor and report on the condition of a pump station.

Performance criteria

3.1 The pump station is monitored, and its condition reported.

Planned review date	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	26 August 2021	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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.