

Title	Carry out maintenance operations on wastewater or stormwater networks		
Level	3	Credits	12

Purpose	People credited with this unit standard are able to carry out maintenance operations on wastewater or stormwater networks.
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Classification	Infrastructure Works > Pipeline Construction and Maintenance
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Available grade	Achieved
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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 relevant to this unit standard includes: Health and Safety at Work Act 2015 and any subsequent amendments.
- Definitions**

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.

Job instructions are instructions given to the operator prior to undertaking a job. They may include site safety instructions, contract drawings, and written memos.

Stormwater may include open channels, ponds, or gardens.

Wastewater may include domestic wastewater, trade wastewater, or other sewerage systems.
- It is recommended learners achieve Unit 32814, *Demonstrate knowledge of wastewater and stormwater networks, their materials and fittings, and techniques used for them* or demonstrate equivalent knowledge and skills before starting this unit standard.

Outcomes and performance criteria

Outcome 1

Carry out maintenance operations on wastewater or stormwater networks.

Range evidence is required for three different operations.

Performance criteria

- 1.1 Job instructions and site set-up are checked and confirmed, and materials and tools are selected.
- 1.2 Network flow is reduced or stopped to allow work to take place in accordance with job instructions.
- 1.3 Excavation and any required groundwater control are carried out.
- 1.4 Pipe clearing and unblocking are carried out in accordance with job instructions.
- 1.5 Pipes, fittings, and joints are installed and tested in accordance with job instructions.
- 1.6 Backfill, compaction and reinstatement are completed in accordance with job instructions.
- 1.7 Work on structures is completed in accordance with job instructions.

Replacement information	This unit standard and unit standard 32814 replaced unit standards 31450 and 31451.
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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.