

<b>Title</b>	<b>Perform work on live wastewater and stormwater networks</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to prepare to perform and perform work on live wastewater and stormwater networks.
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<b>Classification</b>	Water Industry > Water Reticulation
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references relevant to this unit standard include:  
Health and Safety at Work Act 2015,  
Resource Management Act 1991,  
Hazardous Substances and New Organisms (HSNO) Act 1996;  
NZS 4404:2010 *Land Development and Subdivision Infrastructure*;  
Local and territorial authority requirements.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on site-specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definitions  
*Company requirements* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements that may apply across the company or to a specific site. Requirements are documented in the company health and safety plans, traffic management plans, contract work programmes, quality plans, policies, and procedural documents.  
*Contract specifications* include plans, diagrams, and special technical conditions. They do not include special administrative conditions.  
*Live wastewater and stormwater networks* are networks which are currently in service and for which disruptions to the service will impact the public.

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### Outcomes and performance criteria

#### Outcome 1

Prepare to perform work on live wastewater and stormwater networks.

#### Performance criteria

- 1.1 Job requirements are obtained, and method of network isolation and overflow prevention is determined and confirmed. in accordance with contract specifications and company requirements.
- 1.2 Schedule is planned to ensure work can be completed within acceptable timeframes for disruption to public services in accordance with contract specifications and company requirements.
- 1.3 Plant, equipment, fittings, materials, and any specialist PPE are selected in accordance with maintenance methods and company requirements.
- 1.4 Services are located, and site conditions are checked and confirmed as suitable for work to take place in accordance with contract specifications and company requirements.
- 1.5 Site management and communication requirements are determined and confirmed as in place before commencement of work.  
  
Range site safety plan, environmental plan, any traffic management plan, notifications.

## Outcome 2

Perform work on live wastewater and stormwater networks.

### Performance criteria

- 2.1 A safe working zone is established, equipment is set up, and excavation is carried out prior to isolation of network and in accordance with company requirements.
- 2.2 Section of network to be worked on is isolated using selected method in accordance with contract specifications and company requirements.
- 2.3 Work is carried out within scheduled timeframe and in accordance with contract specifications and company requirements.
- 2.4 Isolated section is cleaned and tested for integrity in accordance with contract specifications and company requirements.
- 2.5 Section is put back into service, including any required air release, in accordance with contract specifications and company requirements.
- 2.6 Any spillage is managed, and contaminated debris is removed and disposed of in accordance with contract specifications and company requirements.
- 2.7 Personal and public health protection practices are maintained throughout the work in accordance with contract specifications and company requirements.
- 2.8 Required documentation is completed in accordance with contract specifications and company requirements.

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<b>Planned review date</b>	31 December 2023
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**Status information and last date for assessment for superseded versions**

<b>Process</b>	<b>Version</b>	<b>Date</b>	<b>Last Date for Assessment</b>
Registration	1	29 November 2018	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 Connexis Infrastructure ITO [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.