

<b>Title</b>	<b>Maintain road by manually cleaning and repairing open drainage system</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>7</b>

<b>Purpose</b>	People credited with this unit standard are able to: confirm requirements for the maintenance of the open drainage system; clean and repair drainage channels; and clear the worksite on completion of work.
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<b>Classification</b>	Infrastructure Works > Infrastructure Civil Works
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<b>Available grade</b>	Achieved
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**Guidance Information**

- 1 The following legislation and regulations must be complied with: Health and Safety in Employment Act 1992; and Health and Safety in Employment Regulations 1995.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on company and 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 applicable to the company or a specific site. Requirements are documented in the company’s health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.  
*Contract specifications* include plans, diagrams, and special technical conditions. They do not include special administrative conditions.

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**Outcomes and performance criteria**

**Outcome 1**

Confirm requirements for the maintenance of the open drainage system.

**Performance criteria**

- 1.1 Site conditions are confirmed in accordance with company requirements.

Range location, extent, environmental conditions.

1.2 Resources are confirmed with supervisor.

Range materials, equipment, workforce.

### Outcome 2

Clean and repair drainage channels.

#### Performance criteria

2.1 Debris and vegetative growth in channels are uplifted and removed from the site in accordance with contract specifications.

Range equipment – hand shovel, weed-eater.

2.2 Outlets to channels are repaired by excavating to the grades and depths of the existing drain in accordance with contract specifications.

2.3 Damaged liner is repaired or replaced in accordance with contract specifications.

Range two of the following – stone, concrete, bitumen, timber, steel, aluminium, PVC, fibreglass.

### Outcome 3

Clear the worksite on completion of work.

#### Performance criteria

3.1 Surplus and loose materials are cleared from the site in accordance with company requirements.

3.2 Temporary traffic control measures are removed in accordance with company requirements.

<b>Replacement information</b>	This unit standard, unit standard 11310 and unit standard 11311 were replaced by unit standard 31485.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1997	31 December 2014
Review	2	25 September 2006	31 December 2016
Review	3	19 February 2015	31 December 2021
Review	4	27 September 2018	31 December 2021

**Consent and Moderation Requirements (CMR) reference**

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is Expiring