

<b>Title</b>	<b>Describe and construct a water feature in landscape work</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe water movement and characteristics of construction details of water features; and construct a water feature.
----------------	--

<b>Classification</b>	Horticulture > Landscape
-----------------------	--------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

## Guidance Information

- Legislation and standards relevant to this unit standard include but are not limited to:
  - Building Act 2004;
  - Consumer Guarantees Act 1993;
  - Fair Trading Act 1986;
  - Health and Safety at Work Act 2015;
  - Privacy Act 1993;
  - Resource Management Act 1991;
  - NZS 3124:1987, *Specification for concrete construction for minor works*; NZS 4210:2001, *Masonry construction: Materials and workmanship*; and NZS 3640:2003, *Chemical preservation of round and sawn timber*, available from <http://www.standards.co.nz> and any subsequent amendments
- Definitions
 

*Water features* refer to aesthetic water features within a landscape plan, and excludes swimming pools.

*Workplace procedures* refer to the procedures and standards set by the client or employing organisation for construction of water features and must be consistent with plans and specifications, and equipment manufacturers guidelines.
- All evidence presented in this assessment must be in accordance with workplace procedures.

---

## Outcomes and performance criteria

### Outcome 1

Describe water movement and characteristics of construction details of water features.

**Performance criteria**

1.1 Describe water movement and its implications for landscape features.

Range water tension, water movement effects, pipe characteristics.

1.2 Describe the characteristics and construction details of water features.

Range evidence of two types of still water features and two types of flowing water features is required.

**Outcome 2**

Construct a water feature.

Range materials may include but are not limited to – earth, concrete, brick and concrete block, rock and stone, sprayed concrete and plaster, timber, pre-cast units (fibreglass, plastic, cement fibre, metal), flexible liner (PVC or butynol).  
evidence of one type of material is required

**Performance criteria**

2.1 Set out the water feature at the location and to dimensions shown on site drawings and/or specifications.

2.2 Complete excavation or movement of earth to create the water feature shown in the site drawings and/or specifications.

2.3 Build the water feature consistent with site drawings and/or specifications.

2.4 Incorporate or apply waterproofing treatments in the structure.

2.5 Install water circulation systems with provision for overflow and disposal of surplus water.

Range pressure controlled, recycling.

2.6 Select, prepare and use tools and equipment appropriate for the task.

2.7 Work safely around other people and machinery on site.

2.8 Remove surplus material and reinstate the site on completion of the job.

<b>Replacement information</b>	This unit standard replaced unit standard 12401 and unit standard 22211.
--------------------------------	--

<b>Planned review date</b>	31 December 2026
----------------------------	------------------

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

Process	Version	Date	Last Date for Assessment
Registration	1	29 March 2018	31 December 2025
Review	2	24 March 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
--	------

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

#### Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.