



Rainwater Assessment for BASIX Certification in NSW

Rainwater is arguably the best source of alternative water for achieving your [BASIX \(Building Sustainability Index\)](#) water target. It is recognised by the NSW government as being an important source of water sustainability.

When lodging your assessment application online, BASIX will assess your rainwater based on the four following areas:

1. **Roof Catchment Area**

You will need to provide the size of the roof area diverted to your rainwater tank. This area is measured in the horizontal plane and should include all non-trafficable roof surfaces measured to the outside the gutters. If you have a stormwater tank then trafficable areas can also be claimed as your catchment, including gardens, lawns and planter boxes.

2. **Tank Storage Capacity**

You will need to specify in total litres the size of the rainwater tank/s and stormwater tank/s that you will be installing on your property. If your local council requires water storage for fire fighting, this capacity cannot be included in the BASIX total. If you have mains water topping up your tank water, they should to be installed 300mm from the base of your tank. If you need a higher top up level then it should be noted.

3. **Diversion of Rainwater Overflow**

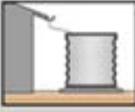
You will need to indicate if the overflow of your rainwater tank is diverted to a stormwater tank. As rainwater tanks can overflow during heavy downpours, rather than waste this water, you can configure your tank to divert the overflow into another tank. This can be a stormwater tank (which allows you to also capture water from ground runoff) or even a second rainwater tank.

4. **Household Water Usage**

You will be assessed on how you will use your stored rainwater throughout your home. Rainwater is very versatile so can be used in all areas – garden and lawn, toilets, washing clothes, hot water system, pool, drinking and all other household uses.

While NSW Health does not recommend the use of rainwater for drinking purposes where a reticulated potable water supply is available, in rural Australia rainwater tanks are widely used as a safe source of drinking water.

As long as your rainwater tank is made from food-grade materials and it is properly maintained to protect water quality, then there is no reason why you and your family cannot enjoy safe and fresh non-fluoridated rainwater. For more information, see [Is It Safe To Drink Rainwater From Water Tanks?](#)

Alternative water		Alternative water details	
Enter the details for your nominated alternative supply system(s) and their use.			
Alternative supply	Details		
Rainwater tank 	How much roof area will be diverted to the rainwater tank?*	<input type="text"/>	m ²
	What is the size of the rainwater tank?*	<input type="text"/>	L
	Will the overflow be diverted to a stormwater tank?*	<input type="radio"/> Yes <input type="radio"/> No	
Stormwater tank 	Which of the following areas will be diverted to the stormwater tank: *		
	- Roof area	<input type="text"/>	m ²
	- Impervious area (e.g. paths, balconies, driveways)	<input type="text"/>	m ²
	- Garden and lawn area	<input type="text"/>	m ²
	- Planter box area	<input type="text"/>	m ²
	What is the size of the stormwater tank?*	<input type="text"/>	L
Alternative use	For each use, nominate the alternative supply system(s).		
Garden & lawn		<input type="text" value="town water supply"/>	▼
All toilets		<input type="text" value="town water supply"/>	▼
Laundry		<input type="text" value="town water supply"/>	▼
All hot		<input type="text" value="town water supply"/>	▼
Drinking and other household		<input type="text" value="town water supply"/>	▼

National Poly Industries today can help you achieve the BASIX water targets for your new home by recommending economical water storage solutions suitable for your needs.

If you have found this article helpful and are looking for a water tank, talk to our friendly staff today to discuss your needs and get a FREE quote:

Phone: 1800 758 709 **Website:** www.nationalpolyindustries.com.au

Web version (current):

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