## Guidelines for Harvesting Rainwater, Stormwater, & Urban Runoff for Outdoor Non-Potable Uses

September 2011

<table>
<thead>
<tr>
<th>Tier 1</th>
<th>On-site collection of rainwater in rain barrels for on-site use in gravity flow systems.</th>
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</thead>
<tbody>
<tr>
<td>Requirements</td>
<td>Use</td>
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<tr>
<td>• Rain barrels must have a screened inflow opening, a spigot and/or hose bib, and an overflow pipe or equivalent.</td>
<td>Landscape irrigation</td>
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<td>• Rain barrels shall be labeled to indicate non-potable water use only.</td>
<td>Car washing</td>
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<td>• The system may not be connected to indoor/outdoor municipal potable plumbing, and shall not be pressurized or sprayed.</td>
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<tr>
<td>• The system must be installed in accordance with the rain barrel manufacturer’s installation instructions, and installation requirements of local agencies.</td>
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</tbody>
</table>

Source: Australian Bureau of Statistics, Commonwealth of Australia 2014
LA CAN BE WATER-RESILIENT
Implications of the Los Angeles Department of Water and Power’s Stormwater Capture Master Plan

LA’s water supply NOW
- Imported & other sources: 89%
  - Local: 11%
Prices:
- Expensive
- Significant use of electricity
- Vulnerable to interruptions (natural disasters)
Costs & Risks:
- Contributing to climate change emissions
- Damage to communities & ecosystems
- Not sustainable: existing supplies are threatened

LA’s FUTURE water supply from local sources
- 11% Now*
- 30% Conservative Scenario
- 45% Aggressive Scenario
Potential opportunity from Stormwater (through 2099)
- The Conservative and Aggressive Scenarios can satisfy 30-45% of current demand!**
- These percentages could increase if we implemented water-wise practices such as:
  - Climate-appropriate landscapes
  - Drought-smart irrigation
  - Stormwater for appropriate indoor use and outdoor watering
  *10% from groundwater, 1% from recycled water
  ** For more details visit our blog: http://bit.ly/1M68Bep

BENEFITS of growing LA’s local water supply
- Local reliability regardless of conditions of imported water sources
- Healthier environment with a more beautiful, thriving ecosystem and strong local economy
- Climate-resilience and flood protection

TAKE ACTION to make LA more water-resilient
- SUPPORT the adoption of the Stormwater Capture Master Plan and TreePeople’s work to empower a drought-smart LA***
- CONSERVE with climate-appropriate landscapes
- HARVEST the rain from your roof in barrels or tanks
- REPLENISH groundwater with rain gardens, trees and mulch

TreePeople’s role in the Stormwater Capture Master Plan
As a result of a formal pro bono partnership with LADWP, TreePeople helped launch the Stormwater Capture Master Plan and continued to provide guidance as part of the core team throughout the process. To learn more about the Plan, visit www.ladwp.com/scmp.