

University : University of Malaya  
 Country : Malaysia  
 Web Address : <http://um.edu.my>  
 Owner : UM Living Lab (Water Warriors)  
 : <https://umwaterwarriors.wixsite.com/>

### CORE AREA: WATER MANAGEMENT

#### Water Recycling Program Implementation

No.	ITEM	Explanation	Evidences
1	Program in initial implementation	<p>The rainwater is recycled for the use of ablutions (Muslims) at Academy Islamic Studies Mosque. The rainwater will undergo few stages of water treatment such as sand filtration and UV filtration before flow to tap. A water meter is installed to measure the amount of rainwater that has been use.</p>	<p>Musolah Academy Islamic Studies</p> 

2	<p><b>Recycled water is used for garden sprinkler system</b></p>	<p>Using recycle water from rainwater to water the plants around campus.</p>	<p>Botanical Garden</p> 
3	<p><b>Recycled water is used for toilet flush</b></p>	<p>Using recycle water from rainwater for toilets flushing.</p>	<p>Army Training (PALAPES) Ground</p> 

<p>4</p>	<p><b>Recycled water is used for cooling system</b></p>	<p>Cooling system have a closed system. The water is being recycle again.</p>	<p>Kompleks Perdanasiswa (KPS) Cooling System</p>  <p>Dewan Tunku Canselor Cooling System</p> 
<p>5</p>	<p><b>Recycled water is used in fish pond</b></p>	<p>Water pumped into the pond is recirculated and recycled back to be used again in the same pond thus reducing water wastage.</p>	<p>Dewan Tunku Canselor fish pond</p> 

6	<p><b>Recycled water is used in aquaponics</b></p>	<p>In an aquaponic system, plants treat the water by removing the nitrogen and phosphorus produced by the fish farm. The fish farm, for its part, provides the fertilizers required for plant growth, thanks to the waste it produces, which is thus recycled rather than being discharged and polluting the environment.</p>	<p>Parking lot, Landscape Nursery  <a href="https://umlib.um.edu.my/newscut_details.asp?cutid=18609">https://umlib.um.edu.my/newscut_details.asp?cutid=18609</a></p> 
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**Data Provider:**

UM Living Lab (Water Warriors)  
 Department of Development & Estate Maintenance (JPPHB) UM

**Data Verification:**

Deputy Vice-Chancellor (Development) UM