

Watermark Award 2013

The 2013 Watermark Award recipients are:

Ms Lim Bin



As part of WGS's Environmental Education Committee and the Teacher in charge of the Green Activists Club in Woodgrove Secondary School, Ms Lim Bin drives the school's environmental programme and water conservation efforts.

Her efforts include incorporating water messages into the Science, Humanities and English curriculum and arranging overseas student learning trips for Green Activists to learn best water practices from other countries. She was also the key initiator for education outreach projects like The Water TAP (Training, Appreciation, and Participation) Workshop, for youths to learn about conserving and protecting our water resources.

Ms Lim Bin took a lead role in the school's adoption of three waterways – Sungei Sembawang, Yishun Pond, and Kallang River@Bishan-Ang Mo Kio Park. Her passionate efforts saw youths taking part in clean-up activities and educational programmes which resulted to positive habits towards the use of water.

Philips Singapore Pte Ltd Lighting the way to water efficiency



A business unit under the Philips group, Philips Lumileds is a leading manufacturer of high-power LEDs and lighting solutions for the automotive and consumer electronics industries.

In 2011, the company formed the water conservation team to align the company's goals to their EcoVision Sustainability Initiative to improve lives and energy efficiency, and close the materials loop through recycling.

In March 2013, Philips Lumileds commissioned the Waste Water Recycling System, which handles process waste water, Reverse Osmosis reject water and condensate. Their water initiatives have enabled them to recycle 43 % of their used water. The company actively promote good water practices during their safety induction training and orientation programme for new employees and also organised the Environment Health & Safety (EHS) Carnival in 2012 to boost water conservation awareness.

Philips Lumileds was recently awarded the Water Efficient Building (Gold) to recognise their impressive savings in water consumption. It was also certified the Singapore Standard SS577:2012 Water Efficiency Management Systems in July 2013.

Compassvale Secondary School Water education as a way of life



Compassvale Secondary School has a vision to be "Advocates of Sustainable Living". To achieve this, the school formed teams to look into integrating water messages in the curriculum and reducing overall water consumption.

Within the school, Environment Club students conduct periodic assessments to identify high water usage areas and provide solutions to reduce water usage. The school adopted Punggol Reservoir in 2011 and uses Sengkang Floating Wetland to drive its environmental programmes. Secondary 1 students participate in the Active, Beautiful and Clean (ABC) Waters learning trail facilitated by teachers and students at the wetland. Learning trips to water treatment plants are organised for Secondary Two Express students to learn about water pollution and conservation issues.

Compassvale Secondary School also actively participates in community outreach programmes to raise awareness about water during events like Singapore World Water Day, and Punggol Central Racial Harmony Day celebration 2012.

Systems on Silicon Manufacturing Company Pte Ltd (SSMC) Water the heart of the system



Systems on Silicon Manufacturing Company Pte Ltd (SSMC) is an advanced wafer fabrication manufacturer. Their commitment to making a positive impact to the environment and community is supported by integrating the water conservation component as part of their planning process and sustaining their efforts through daily operations and external outreach to the community.

Initiatives such as reusing wet bench discharge waste and optimising flow rates, and a wastewater recycling plant has led to an annual savings of 1,000,000m³ of water (Approximately 400 Olympic-sized swimming pools).

In 2012, SSMC installed a local scrubber reuse system to recycle wastewater. Through various water efficiency initiatives, SSMC has recycled 68% of their used water. SSMC is to be certified in July 2013 with the Singapore Standard SS577:2012 Water Efficiency Management Systems.

As a Friend of Water steward, SSMC adopted Lorong Halus Wetland in 2012 and conducted community learning trails during the Singapore International Water Week for their staff and adopted schools.

 Click icon to view video.