



wahaso™

WATER HARVESTING SOLUTIONS

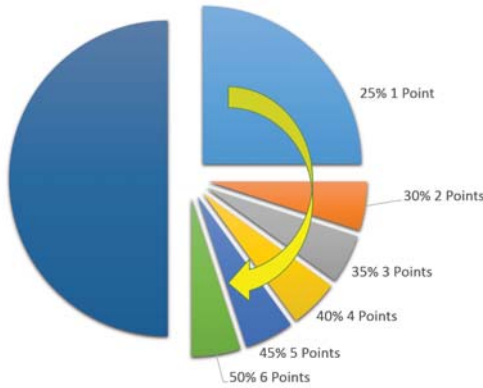
## Harvest Water to Maximize LEED v4 Points

USGBC LEEDv4 certification includes significant focus on water conservation. Points are now earned for Rainwater Management and varying levels of water savings – Indoors, Outdoors, through Cooling Towers. A comprehensive water harvesting and reuse strategy can earn 10 points or more toward LEED Certification.

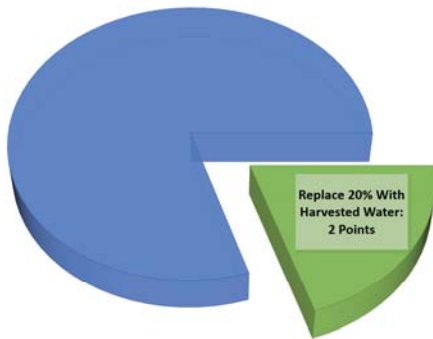
At Wahaso, we pride ourselves in system designs that maximize water savings through a multi-source, multi-use strategy. Let us help your team optimize a system approach.

LEED CERTIFICATION

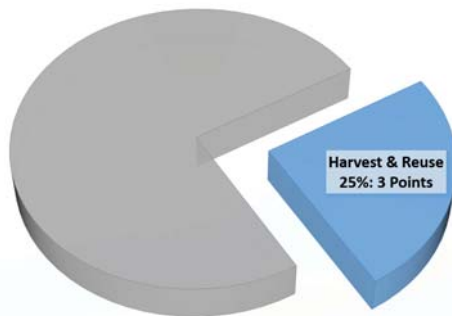
### REDUCE INDOOR WATER USE



### COOLING TOWER MAKE-UP



### RAINWATER MANAGEMENT



### LEED v4 REWARDS WATER SAVINGS!

Here's How Water Conservation Impacts Credits for Building Design & Construction (BD&C) Projects



LEED v4

*Water Use Reduction* is a requirement in LEED v4, so every project must include a focus on saving municipal water.

Points for Water Conservation are now earned in three categories and six credit areas:

#### Water Efficiency

- Outdoor Water Use Reduction (Credit 1: 2 points)
- Indoor Water Use Reduction (Credit 2: 6 points)

Earn 1 to 6 points for reducing indoor water use from 25% - 50% or more

- Cooling Tower Water Use (Credit 3: 2 points)

Achieve 10 cycles and use a minimum 20% non-potable water.

- Water Metering (Credit 4: 1 point)

#### Integrative Process Credit

- Perform a water budget analysis & explore non-potable supply and demand. Use harvested water to reduce potable water use. (1 point)

#### Sustainable Sites

- Rainwater Management (Credit 4: 3 points)

Capture, treat and use 25% impervious run-off from 1.2" rainfall.



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## Wahaso's Scoping Process Helps Maximize Water Savings & LEED Points

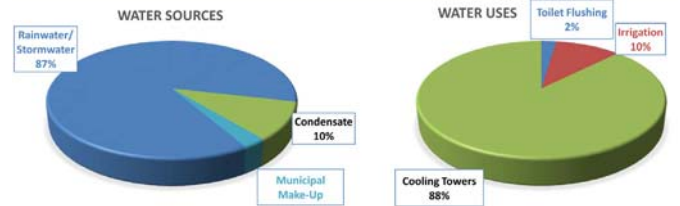
### Is Water Reuse Right for Your Project?

1. First, we seek to understand your **goals, motivations and limits** for the project.
  - How important are total LEED points, total water savings, budget and system ROI?
2. **Our consultative step** then assesses the availability and feasibility of multiple on-site sources and uses of non-potable water unique to your project.

Potential Water Sources	Non-Potable Water Uses
Rainwater	Irrigation
Greywater	Toilet Flushing
Stormwater	Cooling Tower Make-Up
Condensate	Vehicle Wash
Process Water	Boiler Make-Up

3. We then **quantify and report** the overall value of an integrated harvesting system with our proprietary analytic tools.
  - Projected annual water savings.
  - Estimated annual dollar savings based on local water rates.
4. **Cistern optimization modeling** helps determine the most cost-effective cistern size.
  - We model a full range of potential storage capacities with six years of daily rain data to determine the most cost-effective cistern size.
5. Drawing on our extensive field experience and industry best practices, we recommend a **system strategy**. We design a custom system uniquely tailored to your specific project and location, ensuring the maximum water savings for the lowest possible cost.
6. **System Budget** – We provide our best estimate of the delivered system cost including all equipment, engineering services and support.

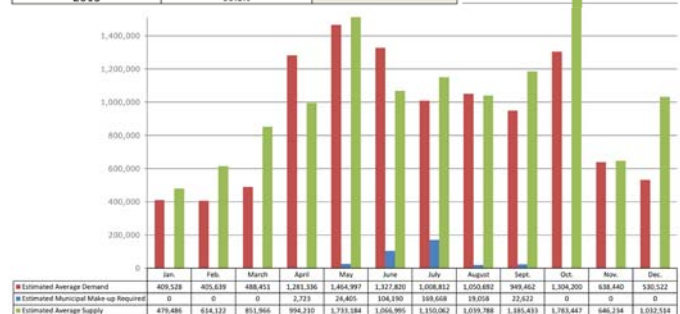
Summary of Supply and Demand



System Effectiveness Based on Recommended 750K Gallon Cistern  
Projected Annual Averages Based On Past Six Years of Actual Daily Rainfall

Total Supply	Total Demand	Harvested Gallons Used	Municipal Gallons Used	Total Days Requiring Municipal Make-Up
12,577,439	10,859,898	10,517,232	342,666	15

Theoretical % of Total Demand Met	
Based on These Past Years	6 Year Average
2008	98.3%
2009	95.4%
2010	95.9%
2011	96.9%
2012	95.8%
2013	99.1%
<b>96.9%</b>	
<b>Annual Savings</b>	
<b>\$ 121,201.00</b>	



### Why Partner With Wahaso?

- Our only business is systems for water reuse in commercial and institutional buildings.
- We have designed over 600 systems for projects throughout the U.S. and Canada.
- We are USGBC members and provide accredited training in Water Reuse.
- We specialize in more complicated multi-source, multi-use systems that can maximize water savings and earn points across LEED categories and credit areas.
- Our advanced greywater processing system is NSF-350 compliant and patent-pending.
- We build, deliver, support and warrant every system we design so your client is assured a system that will work as it was envisioned.
- Our basic consulting includes analysis, system design and budget price... at no charge.



Let us support your project!

Contact Wahaso's Client Service Team Today  
800-580-5350

Wahaso.com

PO Box 279 | Hinsdale, IL 60522 | P 800.580.5350 | E info@wahaso.com

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